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# THE INDUSTRIOUS HEN

A MONTHLY MAGAZINE  
FOR THE  
COMMERCIAL AND FANCY POULTRYMAN



First prize Single Comb Red cockerel at Huntsville, Ala., 1911. Headed best pen in show, all breeds competing. Owned by Bal-  
low Bros., New Decatur, Ala.

THE INDUSTRIOUS HEN CO.  
PUBLISHERS  
KNOXVILLE TENNESSEE



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## Day-Old Chicks

We are now ready to ship, in any quantities desired, unusually fine day-old chicks from the famous BRIARCLIFF Black, Buff and White ORPINGTONS, Single Comb LEGHORNS and MOTTLED ANCONAS.

These are pure, standard bred chicks from the strains that won the bulk of the prizes at the four leading Southern shows this season and scored so heavily at Madison Square Garden. The quality is exceptionally good and they are just what every fancier needs and should have.

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## BRINKLEY'S WHITE PLYMOUTH ROCKS

Grand size, wonderful type, exquisite whiteness, heavy bone, heavy laying qualities, great stamina and vigor. In connection with our winnings at 9 of the best shows in the country this season, namely, Birmingham, Nashville, Memphis, Little Rock, Augusta, Columbus, New Orleans, Jackson, Miss., and our recent winning at the GREAT ARMORY SHOW, Louisville, of 1st cock, 1st and 2nd hens, 1st cockerel, 1st and 2nd pullets, 1st pen, \$75.00 silver cup for best display of WHITE PLYMOUTH ROCKS, also silver cup for most points by one exhibitor, concedes without a doubt our claim of

### THE BEST IN THE SOUTH

200 future winners now in our new brooder house that will be a credit to their noted ancestors. Grand breeding cockerels and pullets that will please you, at prices that are within the reach of all.

10 grand yards now mated, \$5.00 per 15; special mating, \$10.00 and \$15.00 per 15; utility eggs, \$10.00 per 100. Utility cockerels, \$3.00 and \$5.00 each; utility pullets, \$2.00 and \$3.00 each. Send stamp for mating list.

**W. J. BRINKLEY**



**IUKA, MISSISSIPPI**

## GLENVIEW Single Comb Buffs Exclusively ORPINGTONS

After 11 years with this best of all breeds, I am again shipping eggs for hatching at \$2.50 per setting of 15 eggs. This insures your getting some eggs from each of my carefully selected pens without paying fancy prices, and puts high quality chicks within reach of all. Orders promptly attended to. No circulars. \$2.50 per setting of 15.

**B. S. HORNE**



**Keswick, Virginia**

## WHITE INDIAN RUNNERS

Eggs from Prize Winners, \$5.00 for 12. Satisfaction Guaranteed or Money Back. A few trios for sale, \$15 to \$25

**O'BRIEN BROS.**



**Box 194**



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## THE INDUSTRIOUS HEN 3 YEARS \$1

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.



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## ALDRICH WHITE ORPINGTONS

### THE STRAIN OF QUALITY

If you wish the BEST S. C. WHITE ORPINGTONS, either stock or eggs, at lower prices than they have ever been offered before by any reliable breeder, write us telling us exactly what you want and we will quote you prices and send you our beautiful new catalog and mating list of 64 pages, with two color plates.

We have again proven the SUPERIOR QUALITY of our stock in this season's six largest shows in America, at Madison Square Garden, Chicago, Baltimore, Atlanta, Allentown and Augusta, where we entered 153 birds, 111 of which won 59 prizes out of a total of 150 offered at these six shows, as well as 30 specials. Our birds were in competition with 983 birds shown by 153 exhibitors from 30 different states, as well as the pick of birds from Canada and England. Our record of five first prizes in one week at Baltimore and New York is quite remarkable. All these birds are now in our 30 mated pens, from which we are selling eggs at \$5.00, \$10.00 and \$15.00 per setting of fifteen. We can also supply high-class breeding cockerels and cocks at \$10.00, \$15.00 and \$25.00, and pullets and hens at \$5.00, \$10.00 and \$15.00, and ship on approval. Send in your order and become one of our many satisfied customers.

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## HILLCREST FARMS

Exhibition birds for any show. BARRED ROCKS, PARTRIDGE  
ROCKS, SILVER CAMPINES. Pens, trios and single birds.

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PLEASE US

LOW PRICES TO  
INTRODUCE

OUR STOCK AND EGGS  
WILL PLEASE YOU

PONDER OVER THESE WINNINGS FOR 1912

### Silver Penciled Rocks

Largest and Finest Flock in Existence

ALLENTOWN—1st, 2d, 3d cock; 1st, 2d, 5th hen; 1st, 2d cockerel; 1st, 2d, 3d pullet; 1st, 2d pen.

HAGERSTOWN—2d, 3d cock; 2d, 3d hen; 1st, 4th cockerel; 1st, 3d pullet; 1st old pen; 1st pen chicks.

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Equal to the Best

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Grand Strain of this Popular Fowl

ALLENTOWN—1st cock; 1st hen.

HAGERSTOWN—1st cock; 1st hen; 1st pen chicks.

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Baby Chicks from exhibition as well as utility matings. Write for circular.

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Breeders of Exhibition Single Comb White Leghorns, White Runner Ducks, Buff Orpington Ducks, Fawn and White Indian Runner Ducks, and the Great Mule Foot-Hog. Eggs and chicks from prize winners. Send ten cents in stamps for my White Leghorn Catalogue. Satisfaction guaranteed or money back.

J. C. HUNT

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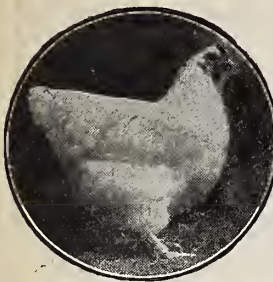
J. C. FISH & SON

Box H, Hope, Indiana

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# Money-Making Results—YES!



## The Test Hen

"Profitable Poultry and Egg Production" tells how 1,500 to 2,000 pounds of good-quality table poultry can be produced from one hen in one year. Book of 244 large pages FREE to any address—simply for the asking. Worth many dollars to poultry men and women who "mean business."



## Sold for \$800

"Lady Show You," the White Plymouth Rock Hen that laid 281 normal-size, normal-weight eggs in 365 consecutive days and won first prize in the National Egg-Laying Contest conducted by the Missouri State Poultry Board at Mountain Grove, Mo., Nov. 1, 1911-Oct. 31, 1912, was hatched in a Cyphers Incubator. So states J. A. Bickerdike, Millersville, Ill., owner of "Lady Show You," who raised her from the shell and who sold her after her great laying record for \$800. See Mr. Bickerdike's letter (also daily newspaper dispatch) on page 234 of our FREE Catalogue and guide for 1913, "Profitable Poultry and Egg Production."



Buy a Real Incubator—One That Will Hatch Every Egg That is Worth Hatching

## Continuous High Percentage Hatches

The 1913 Year Book is supplemented from time to time by Free Bulletins, which place before our customers the very latest, *livest* information—the newest discoveries and tests. In addition to this, we render, *free of charge* a Personal Letter Service, the scope of which is unlimited. No matter how many questions you desire to ask, your letters will be answered fully, clearly and *personally*. **FURTHERMORE**, we have just published, in convenient book form, the *splendid results* of our 1912-1913 \$1,000 Prize Contest. **This \$1000 Prize Experience Book** costs us annually \$1000 in Cash Prizes to secure the most valuable and helpful reports. It's just another sample of the length to which we go to set, and keep, our customers on the right track.

## Get These FREE Books

Write today for your copy of "Profitable Poultry and Egg Production" 244-pages, hundreds of illustrations—also send 10 cents in stamps to cover cost of mailing a Free copy of our valuable book, "Reports of Successful Poultry Growers"—actual experiences for which we paid \$1000 in eighty-three Cash Prizes. This book is worth hundreds of dollars to poultry raisers. Send coupon at once for "Profitable Poultry and Egg Production" which tells the whole story, and will be mailed FREE, postage paid to any address, domestic or foreign. Address

**CYPHERS INCUBATOR COMPANY., Dept. 13, BUFFALO, N. Y.**  
New York, N. Y., 23 Barclay St., Boston, Mass., 12-14 Canal St., Chicago, Ill., 329-331 Plymouth Ct., Kansas City, Mo., 317-319 Southwest Blvd.; Oakland, Cal., 1569 Broadway; London, Eng., 121-123 Finsbury P't.

Let's get at the *real facts*—the solid truth about Profitable Poultry and Egg Production, doing so without *exaggeration*, without painting *fancy pictures*. Let's consider what a hen can do—what actually has been *done* by those who actually have gone into poultry-raising *intelligently*—who have followed *advanced methods*! These facts will show, *will prove*, what the poultry industry today offers to *earnest men and women*. The three hens illustrated in this advertisement are *living examples* of the money-making, present-day possibilities in poultry raising. These hens, "born" in Cyphers Incubators, raised in Cyphers Brooders—well-bred, well-fed, comfortably housed—have attained a *productive power* that is almost *unbelievable*. Remember also the present attractive market prices for eggs and poultry meats—and what the Parcels Post now offers in *quick sales*, higher prices and economical delivery. It's easy to figure the

## Proof of the Profits

that await *keen and alive* poultry-raisers in 1913 who use *correct methods* and have the *proper guidance*. Write us now—*today*—for our 244-page free Book "Profitable Poultry and Egg Production." It's crowded full of just the facts you *need*. Gives in detail the *remarkable results* we attain on the Cyphers Company's \$75,000.00 Experiment and Demonstration Poultry Farm.

# CYPHERS

## Incubators and Brooders

They are Self-regulating, Self-ventilating, Fireproof—also proof against heat and moisture troubles. Their records for *continuous big hatches* have never been equalled. We print here short extracts from half a dozen letters to give you just an *idea* of the *genuine satisfaction* Cyphers Machines are giving all over the country. Full reports, and hosts of others in the big 1913 Free Book. When you have learned the practical things this book teaches you must have the proper means of *applying them*.

## That Means Right Tools

If you sincerely mean to *win success* you must have a real incubator. That means the Standard Cyphers. It has stood for years at the very head—the *recognized* hatching machine of *proved merit*. Used and Endorsed by more Government Experiment Stations, by more State Agricultural Colleges, by more practical, large-scale poultry raisers and by more well-known, *successful* poultrymen *than all other makes combined*.

Our Big Free Book fully illustrates and describes over one hundred Standard Poultry Appliances and Specialties, all of which have been *tried out* and demonstrated on our \$75,000 Poultry Farm.

## The Remarkable Egg Yields

we secure from our fowls more than *double* the ordinary production. And what we do,

## Must Use Right Methods

What these methods are this great Free Book will tell you. It is the most complete, the *most valuable* free poultry book ever published. For example, it gives you on page 7 the *Three Foundation Factors* in Profitable Poultry and Egg Production. Three basic facts you need to know before you really *begin to make money*. On page 8 it points out *Six Avenues of Waste*. Guides you clear of Common pitfalls. Tells you how to make your flock *all productive*. The information on these two pages alone is worth many, many dollars to you.

Our Free Book also contains eight special chapters that go into the very heart of the *practical questions* that come up every day. They tell in simplest language the things to do—the *things to avoid*. They point the way to greatest returns. The titles of the chapters are: Chapter I—What is Possible in Poultry Meat Production. Chapter II—What Can Be Done in the Way of Egg Production. Chapter III—Deep-Litter Feeding Experiments of 1912. Chapter IV—Quick Maturity in General-Purpose Fowls. Chapter V—Ages and Weights of Chickens for Table Use. Chapter VI—How to Establish Profitable Egg-Yield Flocks. Chapter VII—Today's Best Chance in the Poultry Business. Chapter VIII—Small-Scale Poultry Keeping on a Practical Basis.

you can do, wherever you are located, if you have the right equipment and the right *knowledge*—if you really make a *business* of keeping up-to-date on every fact and discovery that means greater egg—

## Poultry Meat Production

This great Free, Money Making Book, backed up by Cyphers Free Bulletin and Personal Letter Service, and the *immensely valuable* free booklet of 1912-13 \$1,000 PRIZE CONTEST REPORTS—makes it possible for you to personally apply every discovery made at the Cyphers Company's Farm, also to profit by the actual, money-making experiences of poultry raisers *all over the country*, many of whom had problems similar to your own. To avoid mistakes you *absolutely need* this wealth of practical information. You cannot afford to go by *guess*. You



## An Egg Machine

This Cyphers Company S. B. White Leghorn Hen, during the 365 days of her greatest yield, produced eggs that weighed *TEN TIMES* more than her own bodily weight. Full particulars in "Profitable Poultry and Egg Production" which will be mailed free to any address, domestic or foreign.

## Proof—By Actual Cyphers Users

Mrs. Victor Varley, 3038 N. Christiana Ave., Chicago, Ill. "I purchased two Cyphers Incubators last March, one 240-egg capacity and one 70-egg capacity, also a Style A Outdoor Brooder. I had fine hatches from the incubators. Out of 234 fertile eggs I hatched 231 chicks and from the smaller incubator I got 63 chicks out of 65 fertile eggs. They were all brooded in your Style A Brooder. I have also hatched ducks and goslings in my Cyphers machines with equal success." July 24, 1911. See complete report, Page 39, "Profitable Poultry and Egg Production."

Albert G. Keven, Battle Creek, Mich. "The two Cyphers Incubators have given excellent satisfaction. I have kept a careful record of all eggs put in the machine and the number of chicks hatched, with results as follows, First hatch: 236 chicks from 344 fertile eggs. Second hatch 204 chicks from 244 fertile eggs. Third hatch 199 chicks from 205 fertile eggs. Fourth hatch 232 chicks from 244 fertile eggs. Fifth hatch 178 chicks from 178 fertile eggs. Sixth hatch 217 chicks from 220 fertile eggs. The Cyphers is the best machine made for hatching strong, healthy chicks and lots of them."

## COUPON

Cyphers Incubator Co.

Dept. 13

Buffalo, New York

Gentlemen: Please send free copy of your book, "Profitable Poultry and Egg Production" for 1913, and the full facts about Cyphers Company Service.

Name.....

Address.....



## Blue ANDALUSIANS

Gamewell's SINGLE COMB BLUES won seven prizes at Atlanta, Dec. 16th-21st. Bred direct out of Madison Square Garden winners. Only the very finest retained in my breeding pens. Eggs \$5.00 per 15, by prepaid Parcel Post. Best references. J. McD. GAMEWELL, Fancier, Newry, Oconee County, S. C.

## RED TOP POULTRY FARM

SINGLE COMB WHITE LEGHORNS, Laying Strain, Standard Bred, White to the Skin, Blue Ribbon winners. Eggs, \$1.50 per 15; \$3.00 per 50; \$5.00 per 100. Stock for sale. Write me. J. G. WALTER, Route 2, Afton, Tenn.

## White and Columbian WYANDOTTES

We duplicate all infertile eggs. White and Columbian Wyandottes, Single Comb White Leghorns, and Light Brahmans. We use trap nests. In business 30 years. Brahma eggs, \$3 for 15; \$5 for 30. The other varieties, \$2 for 15; \$5 for 50; \$10 for 100. Address MICHAEL K. BOYER, Box, 26, Hammonton, New Jersey.

## S. C. White Leghorns

Eggs for hatching from S. C. WHITE LEGHORNS and RHODE ISLAND REDS, from vigorous range raised birds, \$1.50 to \$3.00 per setting. WHITE INDIAN RUNNER ducks, fine type; pure white eggs, price \$3.00 per setting. A square deal to all.

O. M. HENDRICKS, . . . SELMA, ALA.

## S. C. BLACK MINORCAS

With show record. Eggs, \$1.50 per 15. Special mating, \$3.00. Special price on large quantities.

B. C. ROUTH, Randleman, North Carolina.

## S. C. Buff and white Orpingtons BARRED ROCKS

Eggs for hatching from high scoring, prolific laying fowls in all breeds. \$2.00 to \$3.00 for 15. Mating list free.

C. A. MOXLEY, Box H, Taylorville, Illinois.

ALL SOLD ON APPROVAL

## Single Comb RHODE ISLAND REDS Single Comb WHITE LEGHORNS

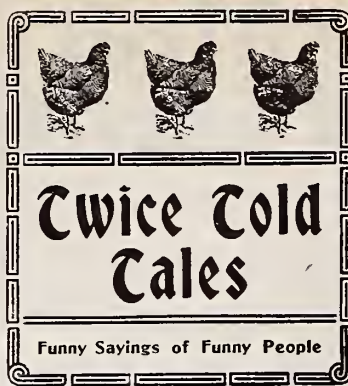
Plenty of fine male birds for sale at hard time prices. For show or breeders. I will sell you show birds and guarantee them to win. Eggs for hatching at all times. Write me your wants. HERBERT HAUN, Mohawk, Tenn.

## S. C. White Leghorns

The healthy, vigorous, free range, winter laying kind. Eggs that will hatch, \$1.00 per setting, \$5.00 per hundred. Directions for feeding and care of chicks free to customers. HADEL POULTRY FARM, R. F. D. 2, Wrightsboro Road, Augusta, Georgia.

## S. C. BROWN LEGHORNS

Must sell. 1st, 3rd cocks, 3rd cockerel, Tenn. State Fair. 2nd pen cockerel; 5th cockerel, Augusta, Ga., and 25 utility and show cockerels from my Atlanta sweepstakes cockerel and 1st Indianapolis cockerel at wonderfully low prices. You can't beat it. Write at once to L. P. MATTHEWS Thorntown, Ind.



## Twice Told Tales

Funny Sayings of Funny People

He Knew.

"Well, Johnny, what was the text today?" asked a proud father of his small son, who had just returned from church.

"Let me fink, faver," said Johnny, as he scratched his head in deep thought. "Oh, yes; I remember. It was 'Don't be scared, you'll get your quilts all right.'"

John's father, after puzzling a while over this queer text, called up the minister.

"Could you tell me what was this mornings's text, Mr. Jones? he asked, and was convulsed to hear the reply:

"Fear not, the comforter cometh."—Mack's National Monthly.

W. T. Pittman, of the Allentown, (Pa.) Fair Poultry Show is reported in the daily papers as predicting, during the second week in December, that eggs would in a few weeks cost \$1 per dozen. This statement inspired "Hank" to the following outburst in the Boston American that is good enough to pass along. Here it is:

"I saw a thousand frantic men go running up the street, I saw a justice hurry by, a cop-per leave his beat; I followed in the rushing crowd, the hordes of hustling legs, And in a window saw displayed a dozen new-laid eggs.

"I saw a million cheering men along the sidewalk stand; I saw them lowly bow before a man with bearing grand; A guard of soldiers marched along to keep from him all harm, And then I learned the reason why, he owned a chicken farm!"

—American Poultry Journal.

No Wonder.

Nerve Specialist—"My dear sir, I can't understand your case at all. Here you were practically cured a few days ago, and now your nerves are in frightful shape again. Have you had a sudden shock of some kind?"

Patient—"I received your bill yesterday."—Wallace's Farmer.

## White WYANDOTTES

A few choice pure WHITE WYANDOTTE cockerels at right prices. Very vigorous stock. J. G. ROBBINS, Mayfield, Kentucky.

## S. C. WHITE ORPINGTONS

A few choice cockerels, Sired by Blue Ribbon Birds, at close figures. S. C. WHITE LEGHORNS Standard bred. Eggs for hatching. Write us for prices.

ALABAMA POULTRY CO., Pine Level, Ala.

## White Wyandottes

We breed only the best—the quality kind, both in exhibition and laying. Stock and eggs for sale. Write for prices.

SOUTHSIDE POULTRY YARDS,  
Box 75, Lithonia, Ga.

## S. C. REDS--BARRED ROCKS

Strong, well-marked, farm-raised birds; eggs, \$2.00 per 15. Three BARRED ROCK cockerels for sale at a bargain, \$2.00, \$3.00 and \$3.50. One pair of BRONZE TURKEYS, \$7.00 (Mrs. Shofner strain.) / Berkshire Pigs for sale. OAKLAND STOCK FARM, A. S. BELL, Mgr., R. 13, Knoxville, Tenn.

HOW YOU CAN WIN IT WITH

## \$100 Watson's Bred-to-Lay Reds

Golden Princess laid 291 eggs in a year, others 180 to 270. Wm. Loynd, of Mass., got 240 eggs from my strain. Cockerels and eggs.

IRA P. WATSON, Box 20, Fredonia, N. Y.

## Champion Anconas

Winners at Madison Square Garden, N. Y., Augusta and Columbus, Ga. Write for prices. Satisfaction guaranteed. MRS. R. L. DUDLEY, Columbus, Georgia.

A SET OF

## Fife Fife Formulas

TO ORDER, carefully calculated for best results in EGG PRODUCTION. Good for all seasons and climates. Particulars free. Address E. W. GOOD, No. A 20, Richmond, Ind.

## WHITE ORPINGTONS

SPECIAL PRICE ON EGGS  
FROM 4 QUALITY PENS

3 from Yard 1.....	\$10.00 per 15
4 from Yard 2.....	8.00 per 15
4 from Yard 3.....	5.00 per 15
4 from Yard 4.....	2.50 per 15

For 30 days, \$5.00 per 15.

HARRY CALLICOTT, B. III, Coldwater, Miss.

## Printing For Poultrymen

We are prepared to fill all orders from poultrymen for printing. If you want your work illustrated we have the cuts. Write for prices.

S. B. NEWMAN & CO.  
617 Gay St., Knoxville, Tenn.



## PARTRIDGE ROCKS

Eggs for sale from as fine birds as can be found anywhere. These birds won everything in their class at the 1911 and 1912 Chattanooga shows. For further information, write JAKE M. BROWN, H. P. Route 1, Chattanooga, Tenn

## Donaldson's REDS

BABY CHICKS AND EGGS.

My S. C. Reds won five 1sts and other prizes at Atlanta and Birmingham, 1912. Write for mating list. MRS. DONALD DONALDSON, Decatur, Ga.

## S. C. Black ORPINGTONS

1st prize winners, Camden, Shreveport, Little Rock, New Orleans. Eggs, \$4.00 per 15. Write for mating list.

BERNICE POULTRY BLOCK,  
T. E. NEWTON, Prop., Bernice, La.

## The Industrious Hen

the South's leading poultry journal and the

## E. Tennessee Farmer

the up-to-date new farm paper of Knoxville. BOTH ONE YEAR 50c. Send your orders to THE INDUSTRIOUS HEN CO., Knoxville, Tennessee.

## S. C. Black ORPINGTONS

ONE BREED—BRED RIGHT

Write for my illustrated mating list, describing my different pens. It's free.

J. W. STEPHENSON, Decatur, Georgia.

## LOOK and LISTEN

ROYAL WHITE CORNISH GAMES, winners everywhere shown. Cock weighs 10 pounds. Hen 8 pounds. SINGLE COMB WHITE LEGHORNS won 1st and 3rd at Hamblen County Poultry show. WHITE AFRICAN GUINEAS, Fawn and White and ENGLISH PENCILED INDIAN RUNNER DUCKS, won 2nd and 3rd at Hamblen County Poultry show. SNOW WHITE INDIAN RUNNERS, won 1st and 2nd at Hamblen County Poultry show; 1st at Morristown Fair. A few trios at bargains. Eggs for hatching a specialty. Write your wants.

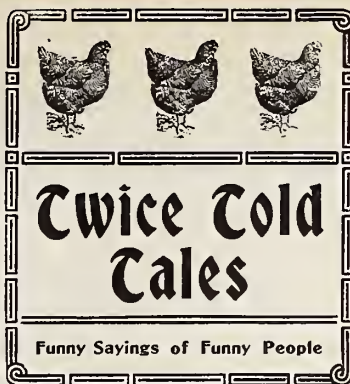
MRS. A. S. GORRELL, Morristown, Tenn.

## W. I. Froman

### Rockcastle, Virginia

Breeder of ROSE COMB RHODE ISLAND REDS, exclusively. Lynchburg winnings: 1st and 3d cock; 1st pen; 1st and 2d pullet, 1912.

Richmond winnings: 1st pen; 1st, 2d and 3d hen; 1st, cock; 1st and 2d pullet.



## Twice Told Tales

Funny Sayings of Funny People

Bill Clerk—"Here's a girl's name written on a cold storage egg. I'll write to her."

Shipping Clerk—"Ha, ha; why she's an old maid by this time."—Successful Poultry Journal.

Tommy's Aunt—Won't you have another piece of fried chicken, Tommy?

Tommy (on a visit)—No, I thank you.

Tommy's Aunt—You seem to be suffering from loss of appetite.

Tommy—It ain't loss of appetite. What I'm sufferin' from is politeness.—Ex.

A little boy was invited out to dinner recently and the hostess, knowing his fondness for chicken, planned it as a part of her menu. She put macaroni in the chicken gravy and the young guest thrice refused it, whereupon his hostess said: "Why, Johnnie, I thought you were fond of chicken gravy?"

"I am sometimes," replied Johnny, "but my mamma never puts the wind-pipes in."—Successful Poultry Journal.

No Answer.

It was scarcely half-past nine when the rather fierce-looking father of the girl entered the parlor where the timid lover was courting her. The father had his watch in his hand.

"Young man," the father said brusquely, "do you know what time it is?"

"Y-y-e-s, sir," stuttered the frightened lover, as he scrambled out into the hall: "I—I was just going to leave!"

After the beau had made a rapid exit, the father turned to the girl and said in astonishment:

"What was the matter with that fellow? My watch has run down, and I simply wanted to know the time."—February Lippincott's

A Poultryman's Motto.

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# THE INDUSTRIOUS HEN

Vol. 9

Knoxville, Tenn., February, 1913

(Whole No. 105) No. 9

## The Use of Incubators and Brooders

By MRS. H. P. HINTON, Route 6, Box 87, Dallas, Texas



WE ARE now entering into another hatching season and those desiring to hatch early will resort to the incubator to solve the problem of the broody hen.

The beginner is often at a loss what make of machine to buy as there are hundreds of different makes now on the market, and each manufacturer claims his to be the best. It is somewhat harrassing to try to make a se-

lection, but it is not always advisable to buy the cheapest nor yet the most expensive incubator. I am rather of the opinion that the medium priced machines give the best satisfaction, all round, as they are substantially built and will do the work if managed properly.

The next question the beginner would ask is, must I buy a hot air or hot water machine? I have both and hatch about as well with one as with the other. Some, however, would have none but the hot air and others are in favor of the hot water machines. The best advice I can give is this, if there is any one near enough for you to visit, by all means call on them and find out what success they have had and whether it is a hot water or hot air; by doing this you will have a better idea of what you would want. The novice will usually be at a loss as to what size machine to buy. My advice is to never buy one smaller than a 150 egg size or larger than 200, as it costs no more to operate one of this size than a smaller one, and one can run them as successfully with a few eggs as if the machine is full. By buying one of the above size, one has the advantage of being able to set a small number of eggs or set its full capacity.

The modern improved incubators, when well made, are almost a complete success. Failures are caused simply by the operator failing to thoroughly understand the machine or else has neglected to follow instructions. Once in a while the beginner is over-enthusiastic and does too much.

A successful poultryman must pay close attention to all details, the small as well as the large; not only in running the incubator and caring for the baby chicks;

the mature fowls require attention also if he is to get eggs that will hatch chicks that will live and grow into fine specimens. No incubator will fail to hatch eggs that are laid by fowls that are managed properly so their eggs will be properly fertilized with strong hatchable eggs. I get better hatches from the incubators than I do from the hens, as a rule. The whole business from A to Z is one of details.

The next question that comes after the incubator is decided upon, is how to brood the chicks after they are hatched.

I have tried several makes of brooders, both in-door and out-door. The way I find that is best for both chicks and their attendant is a brooder house of some description, and either a fireless hover or a hot air brooder. I have never yet found but one brooder that suited me—a hot air in-door style that would accommodate 50 to 75 chicks nicely until they were old enough to do without heat. Where one rears chickens by the hundreds instead of dozens, I prefer a good warm brooder house divided into parts large enough to accommodate 50 to 75 chickens and give them plenty of exercise and room. In each of these places have a fireless hover, either 20 inches square, or if round 20 inches in diameter.

Where one only intends to raise a few chickens, I would advise an in-door hot air brooder, and have a brooder house to put it in, if it has to be a very small one—say six by eight feet. Now I don't mean to infer that chickens can't be raised in out-door brooders or with colony coops just large enough to hold the brooder and give the chicks a little room. They can be

raised this way alright, but I don't like it, for the attendant is exposed to the weather all the time while attending to them, which is very disagreeable some times, while if one has a brooder house large enough to get in, it is much more pleasant to care for the chicks and they are not so apt to neglect them in inclement weather as one would be more than apt to do if they had to be exposed to the cold rain and winds all the time while attending to them.

I strongly advise any one intending to raise chickens on either a large or small scale to purchase incubators and brooders or else use the fireless hovers.



Buff Orpington Drake. Won 1st at Indianapolis, 1912, as cockerel; also 1st at Chicago, 1912, as cock. Owned by B. O. Swaim, Zionsville, Ind.



# The Mammoth Bronze Turkey's Egg Season

By MRS. J. C. SHOFNER, Route 1, Mulberry, Tennessee



THE Spring of the year is the natural time for most all of the feathered family to lay, but more so with some fowls than with others, and as the largest of all fowls are Mammoth Bronze turkeys and it's their nature to only lay in the spring months, it is very necessary to get every egg, and breeders should all have their breeding stock selected and penned by

February 10th, so that no mistakes in mating are made. Especially should this be done if they have more than one pen, as I have.

Probably it would interest some of our young breeders who are anxious to know how we manage our separate pens, and why we keep two pens. I use two pens that I may meet the demands of my customers and because I usually keep about 18 or 20 females for eggs and one male cannot impregnate so many eggs, so I manage to carry two pens, unrelated that I may furnish new blood in my customer's flock from year to year and they will not run the risk of getting spurious stock, that in one year's breeding it takes several years to breed out, losing time and money by the mistake that is made.

I make a record of the parties buying, either stock or eggs, and the pens they get from and can refer to this from year to year and furnish new blood the following year that will not be inbred.

By penning Bronze turkeys, we get every egg that is laid and they get perfectly gentle, and do not care to go off after getting used to their pens. We make nests in the enclosure of from one-half to two acres, throwing cedar brush or something woodslake. Fruit trees are nice for supplying shade, but are not strong enough for them to roost on when grown, yet are very nice while young. I use a house of wire netting with board base about three feet high to prevent rats or varmints from intruding at night, using low roosting poles, that they may fly down without injuring themselves.

Now, I must speak of shipping eggs as I get so many inquiries about shipping them in safety. We know there is great complaint with poultrymen about "the careless express hands" breaking them in transportation, but if

eggs are packed carefully in wheat chaff or clover hay chaff, (for the farmer's wife inexpensive packing) and those who do not have either of these can procure excelsior from their groceryman, or I have seen them packed in crushed paper and arrive in good condition; there is no excuse for careless packing and they should be labeled in large letters "Handle With Care," "Eggs For Hatching." Pack in a basket with handle.

I use the half peck and peck basket and if I can't pack them all in one basket without crowding out to the edge, I divide them and use two or three, and I'm sure the purchaser would prefer paying a little more express than

to get the eggs broken. We wrap each egg separately in paper and crush paper in between and rarely ever have complaint of broken eggs being shipped hundreds of miles in this way. I will write on "Care and Food for Young Turkeys" next month.



FIRST S. C. WHITE ORPINGTON COCKEREL and  
Winner of the Orpington Futurity Stakes, Allentown, Pa. 1912.  
First at Atlanta, ~ 1912.

Bred and owned by ALDRICH POULTRY FARM, Columbus, Ohio.

The hen can be confined to the nest and the sliding door in front of the nest can be raised and the hen allowed to come out once a day for feed and water. The roof of the nest should be made waterproof and hinged so that it may be raised and lowered, and the nesting material be removed and a fresh nest made after the chicks have hatched. Bore holes in all sides of this nest so the hen will have sufficient ventilation. The small projection, or runway, may be made in front of each nest so the hen may come out for food and exercise. A square galvanized tin trough can be made and divided into three com-

partments, one for feed, one for water and one for grit. These nests can be made with five nests in a section. The nest is placed flat on the ground and about two inches of soil thrown in and rounded out for the nest. Nothing can disturb the hen, and you can save enough broken eggs and mashed chicks in one year to pay for building these nests. The vessels for food and water may be placed inside of the projection, in front of the coop, or you can make a tin trough in three parts and place them in front of the coop where the grit is.

The Guinea fowl is growing in favor as a market bird, the flesh coming nearer to the flavor of game than any of our domestic poultry.



# Comfort and Convenience in Poultry Yards

By S. P. PORTER, Mallet Creek, Ohio



COMFORT for our birds and convenience for ourselves are two great essentials in the management of poultry for pleasure or profit, and with the latter, we can more readily furnish the former. There are many modern appliances on the market for the successful management of a poultry plant, but are they all a success?

In brief, we wish to speak more of the little things that go to the making of comfort and convenience, for just these little things often mean success or failure. We once called upon a neighbor fancier just as it was getting dark, and found him in his barn loft, getting corn from his bin with which to feed his chickens, some six rods away from the barn where his poultry house was situated, and there being deep snow upon the ground, we had to wade through it to the chicken coop, as he said the distance was too great to make a path. Well, we did not say much about it, but here is what was running through my mind: Why is your poultry house so far from the house and barn; you must need exercise badly; also why don't you have a little grain and feed room in or very near the poultry house. But then, we happened to think that some men seem to enjoy doing things the very hardest way possible, and guess our friend was one of them.

Well, we finally broke out, "Say, George, it's so far to your poultry house that we should think the water would freeze before you could get it to your chickens on a cold day." And taking this remark in earnest rather than a joke, as meant, he answered, "Well, you see I'm sure to have it boiling when I start." And while we wished to make a point by the remark, he evidently was trying to check-mate the remark and win out as a dry joke. It takes too much space to tell of the many little things we noticed on this visit, that to us spelled inconvenience.

We can't expect to give our birds good and prompt care, unless we have things convenient to do so. We can easily think of many more little things that retard prompt care in the poultry yard than we have space to write them, but here are a few: We once saw a man fall down twice, trying to place a big post against his chicken house door, as it had no latch or button, and this he was doing some four or five times a day, and at the same time was earning \$2.50 per day. Oh, no, we did not mean that he had to fall down that many times, but it is possible he did, as he evidently got used to the regular routine.

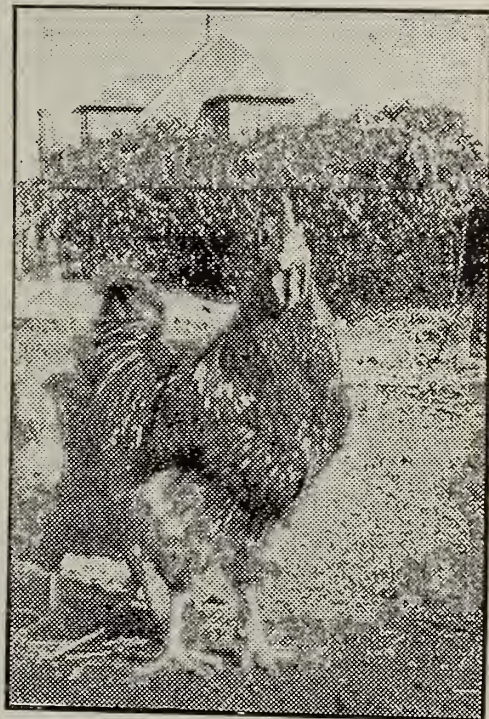
Some men also insist on shelling corn from the cob at night for their chickens, and of course, with this slow process they have to begin at about 2:30 o'clock to be sure to finish before dark. They have no corn sheller, and their wages, remember are \$2.50 per day.



Correct Orpington head. This youngster heads one of the best pens on Maple Hill Poultry Yards, Lexington, Tennessee

Now, some of these things seem rather jokey, but half the truth has not been told. Why not place the buildings conveniently, and have things handy around the poultry farm? By using your brains more at the beginning, you will reduce labor later on.

We cannot expect our fowls to thrive unless they are comfortable, and everything we can do to protect them from the cold winds and blizzards in the North, hot sun



A bad picture, but a fine breeder. Heads a Buff Pen on Maple Hill Poultry Yards, Lexington, Tennessee

and northerners in the South, should be done. Chickens dislike the wind, and even if it is not very cold, on a windy day they will be found trying to get out of it by huddling behind anything most convenient. Why not spend an hour or two some day fitting up little low sheds for them to get under for protection? The sheds should have the back toward the southwest from whence we get most of our windy spells. Plenty of shade. These same sheds provide good shade, therefore they are necessary as well as convenient.

For those who have to keep their fowls in a yard, a good shade shed is made as follows: set 4 x 4 post in the ground, so that after they are set, they will be three feet high from the ground; nail a 2 x 4 from one to the other, and form a double roof of boards running to a center ridge from the 2 x 4's; then arrange perches under the roof, for the fowls; while they are on the perches, if the gable ends are closed, the wind will pass beneath the fowls and not on them.

The dust bath box can also be placed beneath this shed, where it will keep dry; this same dust box should always be present, summer and winter; it is one of the comforts we can give our biddies at little or no cost; it's nature's lice remedy, and beats all the modern remedies out. When we see our fowls going around with their wings hanging down and lolling on a hot summer's day for the want of shade, and we do not furnish it, we do not give them all the comfort at our hands, and cannot expect best results.

Brother poultryman, if you would succeed, fix things handy about your yards and buildings, to the end that you may quickly give your biddies any special attention they may need. And in the great race for dollars and cents and honors, you can easily come down the home-stretch ahead of others, and poking your head under the wire of success, you can shout back at the oncoming host: "It's your own fault if you do not win."



# The Merits in Utility Poultry Breeding

Importance of Starting Right—Scarcity of Utility Poultry—Necessity of Good Feeding and Care—Value of Increasing Egg Yield—High Prices Serve to Encourage the Business

By IRA P. WATSON, Fredonia, New York



HE reason so many fail in starting in the poultry business is that they do not start right. No man would begin to breed trotting stock with draft horses, but would get the very best trotting stock to start with; and no man who wanted to start a dairy for butter would get Hereford or Durham cattle; he would choose Guernseys or Jerseys. Yet nine men out of ten in

starting poultry to get eggs, will begin with fancy birds that have been bred for the show room regardless of utility. Some men say that success depends upon the feeding, but that is not so. No amount of feed will make a draft horse a good runner. Similarly one may feed the hen anything and everything, but unless she is bred to lay, she will never give 200 eggs in a year. Sunshine and plenty of fresh air, with proper feeding and years of practice of the right method of breeding for eggs, will increase egg production very greatly. The birds must have plenty of exercise, no matter what method one uses.

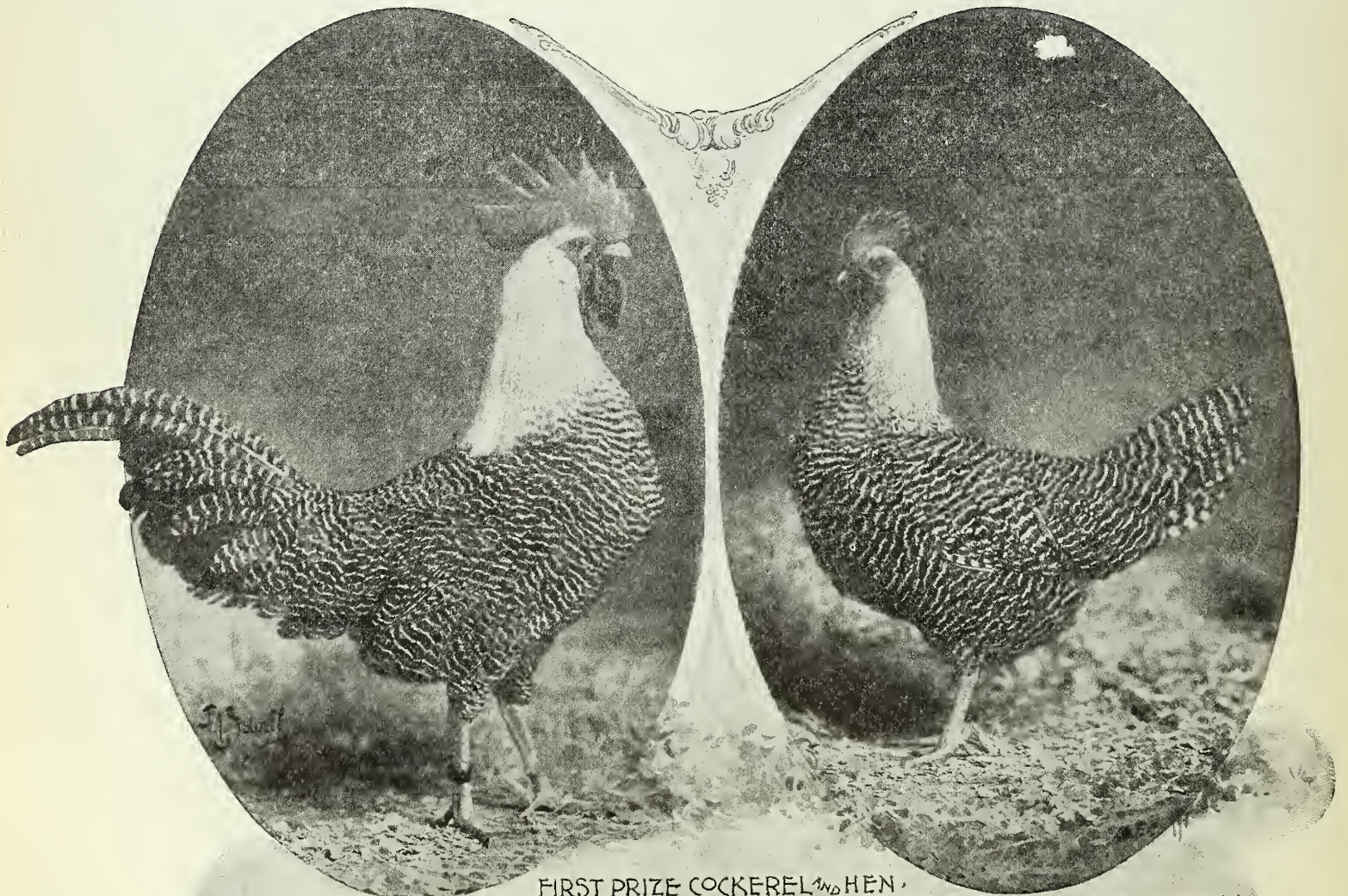
I have found it best in the winter to keep my birds out of the snow and off the cold ground and to have them busy in their houses. Wheat and oats fed in the sheaf are daily before them, so that they may be kept busy. Cabbage and beets are among the best green winter feeds and these are always at hand. The most important item, however, in securing eggs is in the ability of the hen to lay. I have done a good deal to develop a strain of heavy layers.

Being a breeder and developer of some of the very best Jersey cattle, I determined to see what I could do in developing a strain of laying hens. Wishing to start with

the best I could get, I wrote to some of the best breeders of fancy poultry for prices on their highest egg producing hens. The universal reply was that the breeder did not aim for eggs, but for the show room, and the statement was sometimes made that heavy laying lowers the vitality of the hen. Knowing that this is not so with Jersey cattle, I was determined to prove its falsity with hens. I bought the best stock that I could find and kept a record of what the fowls laid in one year. The first year they laid 120 eggs on an average.

By carefully studying out a system of breeding and feeding I have developed a strain of Rhode Island Reds that has averaged 240 eggs in a flock of 50 hens, and one in this flock laid 291 eggs, or 24¼ dozen in a year. These eggs were very large, weighing two pounds to the dozen. This is half a pound more a dozen than the average weight. The total weight of eggs was 48½ pounds in a year. This is nearly seven times the hen's own weight. Of ordinary sized eggs 32½ dozen would be needed to weigh this 48½ pounds. At the 33 cents a dozen average, the returns from this hen would be \$8.08. Allowing \$1.50 for feed would leave \$6.58 gain. Such eggs from this hen as were used for hatching brought out large, strong, vigorous chicks, with the shape and vigor of their mother, showing great prepotency. The hen is an exceptionally strong and vigorous one, always the first off the roost in the morning and always on the go; I have a fine pen of her pullets, which I think will make some great records, and I also have some exceptionally fine cockerels from her, enough to mate all my hens this season. They also resemble their mother.

The \$1.50 for feed, mentioned above, is more than the feed actually cost me, as the system for feeding, which



FIRST PRIZE COCKEREL & HEN,  
WINNERS AT MADISON SQUARE GARDEN DEC. 1911, OWNED BY J. FRED KENNEDY,  
BIRCH CLIFF, ONTARIO, CANADA.

Silver Campines, bred and owned by J. Fred N. Kennedy, Birch Cliff, Ontario, Canada.



I have practiced has reduced the cost and yet doubled the production of eggs. At 33 cents a dozen for eggs, the flock averaged \$6.60 gross returns, or \$5.10 profit for each hen, thus making the total \$255, for the flock of 50. I made much more than this, because I sold a large number of settings at prices varying from \$2 to \$5 a setting. All these figures have been with my strain of Rhode Island Reds. It must not be thought that a strain of such record-making hens can be developed in a year or two. Many years of patience, breeding and selection are necessary. The system I have is original, and has worked wonders in developing egg production. It must not be thought either that all of my hens produced 240 eggs a year each. I do not breed from any hens that lay less than 180 eggs and yet this figure is nearly three times the average egg production of the American hen as recorded in the last census. Stop a moment and think what it would mean if every man in the United States would increase egg production two dozen eggs a year.

It is always cheapest in the end to buy the very best stock, even though the first cost is a little high to start. The most important point in any line of business is to start right. The beginner should get a setting or two or a few pullets and a cockerel of the best strain. The cost will not be very great, and he will have the work and experience of the former breeder to build on. I have nothing to say against fancy show birds. They are all right in their place. The fancy breeders are doing good work, and if one is starting to breed fancy strains for the show room, he should start with the very best that he can get, but if he wants eggs and utility fowls, he should go to the man who has developed a great strain of layers. I have gathered from 150 hens in December 187 dozen eggs, which at the average price of 45 cents per dozen, totaled \$84.15; allowing \$18 for feed, left \$66.15 profit. This is a very good yield for December. 75 of them are April hatched pullets and 75 yearling hens. If you want winter eggs keep the Reds. Mr. William Loynd, of Massachusetts, reports that he got 240 eggs from one pullet hatched from eggs purchased of me and at the market price the eggs were worth \$7.38. They are early to mature and heavy winter layers and one of their strongest arguments to me is that I know of no breeder who has ever dropped Reds for other breeds.

Of course, one may have preference as to breed; men are not all constituted alike. Some men may like Barred Plymouth Rocks, others White Wyandottes, another Rhode Island Reds and so on. The beginner should start with the best strain of the breed he likes the best. Whatever his object may be he should take advantage of the former breeders' experience to the fullest extent and improve upon that basis.

There was a time not long ago that, if you spoke of a hen laying 200 or more eggs in a year, the show breeders and editors of the poultry papers would say that it was not true. It is a fact that the breeders who breed for show seldom get 150 eggs in a year; but in all the egg laying contests there have been many hens that laid 200 and more eggs in a year. The Missouri National Egg Laying Contest just finished, the best pen made a record of 208 eggs per hen. They were Rose Comb Rhode Island Reds, and the best hen record was 281 eggs. The best pen in the Australian contest made an average of 250 per hen, and an average of nearly 200 eggs for all of the 360 hens in the contest.

Now the reason that the Australians get a much better egg record is that the Australian breeders have been breeding for eggs and the American breeders have been breeding for the show. But the poultry keeper of this country is now looking for a strain of hens that have been bred to lay. I have contended for years that there was as much in breeding hens for eggs as there was in breeding cows

for butter and milk; it is not so much in the breed as it is in what they have been bred for. To illustrate more fully, take a Hereford cow and a Jersey; feed them the same feed. The Hereford will lay on fat and the Jersey will give a big flow of rich milk. The Hereford has been bred for years for beef and the Jersey has been bred for years in her native home for rich milk.

Not every man can develop a cow or a hen so that certain characteristics will be definitely established, but anyone can feed the cow or the hen and get the results after the characteristics have once been established, and now nearly all the experiment stations are stating what I have stated for years, that it is not so much in the different breeds of fowls as it is in what they have been bred for. If you want eggs, and winter eggs, you must breed for them, but a much better way is to get your start from a breeder that has been breeding for years for a winter laying strain. It is the winter eggs that pay. Do not believe all you see in the papers, that you can make from \$1,000 to \$5,000 a year with a few hens in your back yard; but you can make from \$4.00 to \$6.00 per hen if you get a good strain of winter layers, and give them good feed and care and make them work for their grain in deep litter.

What are the most prominent qualifications of a roasting fowl? Casey says weight, fibre and color of flesh. Perkins says not overfat carcass; medium short legs; compact, plump body; yellow skin and yellow legs. McFetridge says depth and breadth of breast, short legs, short back; in fact they should be chunky and compact,



A bunch of winners and one of the many flocks bred and owned by Jefferson Poultry Farm, Albany, Ga.

with abundance of muscle, the heavier the better. Brown says the head should be short and broad; the neck short the breast broad and deep, well rounded and full down to the bottom; the back short, broad, and prominently flat at shoulders; legs short, with well developed thighs, clean, free from feathers, and bright yellow; the skin yellowish white, a shade or two lighter always than the color of legs. Rudd says compact, plump shape, with abundant breast meat, and sides which afford good slices; not too heavy, but with heavy thighs which will furnish good "second joints," regarded by many the best part of the chicken. Davison says a full-breasted, plump carcass; a bird that carries the most white meat and the least of all; good size; breast tapering off from front to rear, wedge shape; the bone should be small.

It is an old belief that geese or their droppings will kill grass or destroy a pasture. The writer has a flock of six geese on a quarter acre of pasture, and, notwithstanding that geese have been on it for several years, it is as strong and vigorous in growth as ever; in fact, it seems to be in better condition than it was before geese were turned on it.

In an egg of 1,000 grains, 600 belong to the white, 300 to the yolk, and 100 to the shell.



# The Organization of Girls' Poultry Clubs

By HARRY H LAMON, Senior Animal Husbandman in Poultry Investigations,  
Animal Husbandry Division, United States Department of Agriculture



STATISTICS show that the loss due to the improper handling of eggs throughout the country is enormous, extending into many millions of dollars annually. It is an equally established fact that strictly fresh eggs command a higher price than those commonly designated as store eggs, and if the farmer, who is the largest producer of this well-known perishable commodity,

would take more care in selecting, grading, and marketing this product he would receive a price higher than the average market one for his eggs. On many farms throughout the country the money derived from the sale of poultry and eggs buys the groceries and clothing for the entire family. The money from this source may be substantially increased by establishing a private trade in eggs of good quality with hotels, restaurants, etc., in towns and cities.

The object of forming girls' poultry clubs is to give a better knowledge of the value and importance of the poultry industry and the marketing of a first-class, uniform product, to teach better methods of caring for the poultry and eggs, and to show the increased revenue to be derived

from girls' homes occasionally. Each club should adopt the following general regulations:

1. Girls joining the club must be between 10 and 18 years of age on January 1 of any given year. Special classes may be organized for older girls.
2. No girl shall be eligible to receive a prize unless she becomes a member of the club, and sets at least one sitting of 15 eggs.
3. Each member of the club must agree to study the instructions of the United States Department of Agriculture.
4. Each girl must plan to do her own work and keep strict account of all expenses, such as feed, labor (for which 10c an hour should be charged), sale of stock, etc.

## Prizes and Awards.

The award of prizes on fowls and eggs shall be made according to the rules set forth in the American Standard of Perfection, published by the American Poultry Association.

It will be found best to distribute the prizes as widely as possible. Honor and recognition sometimes count for more than money. Badges, certificates, and diplomas given to the club members are often more appreciated than

money and expensive premiums. When liberal amounts are offered for prizes, it will be well to give them in every township or school district, and offer premiums to the club that will make the highest records with five or ten in a team, dividing this premium into several different awards, depending upon the rank.

## MANAGING OF FLOCKS

### Housing the Poultry

On almost any farm there can be fitted up, with very little, if any, cost for new material, a poultry house that will answer all the purposes of more expensive buildings for keeping poultry. The essentials to success in housing are fresh air, sunshine, dry floors, and a building that is

free from drafts. In constructing a poultry house it is advisable to allow from 2½ to 4 square feet of floor space per bird.

A poultry house 10 by 14 feet in size for not more than 50 hens can be constructed at an expense of about \$20 for material. This house has one-half of the front open, and is adapted for southern conditions, but in localities where much snow or rain is apt to blow into the house or where the winters are severe it is advisable to insert a curtain of burlap or thin muslin which can be closed in cold weather. If the ground is damp, it will be necessary to add a board floor; otherwise a dirt floor elevated a few inches above the ground level will be satisfactory. If desired, a cement floor of cheap and simple construction may be laid; such a floor is a good protection against rats. There should be a 6-inch shutter on the back just under the eaves, which is recommended for use in the South. This must be constructed so that it can be closed to prevent any drafts on the hens in cold weather. The house should face toward the South. The nests may be placed directly under the dropping boards or on the walls of the house rather than on the floor.

The materials required for building a house 10 by 14 feet, are as follows:

- Two pieces 4 by 4 inches by 10 feet, for sills.
- Two pieces 4 by 4 inches by 14 feet, for sills.
- Two pieces 2 by 4 inches by 10 feet, for plates.
- Two pieces 2 by 4 inches by 14 feet, for plates.



A pen of Winning Anconas. Bred and owned by L. M. Barrett, Morristown, Tennessee.

from well-bred poultry where proper methods of management are pursued.

### Organization.

Throughout the year meetings should be held to discuss the different problems of poultry management, and at such meetings the Animal Husbandry Division of the Bureau of Animal Industry, United States Department of Agriculture, will have in attendance, whenever possible, one of its specialists on poultry to assist in solving such questions or problems as might arise and to give whatever help and information he can to the members on such subjects as selection of stock, candling demonstrations, etc. He will also assist in securing first-class markets for the sale of the poultry and eggs.

Each county club should hold an exhibition once a year, preferably in connection with the county fair, at which place a pair of the best chickens grown by each member should be placed on exhibition and entered to compete in the regular classes for premiums offered by the fair association, as well as for the special prizes offered for members of the girls' poultry clubs. An exhibit of the best dozen of eggs should also be made.

It will be well to have a president, one or more vice presidents, and a secretary. A simple constitution and by-laws should be adopted. It will be found profitable to sub-divide the county organization by townships, school districts, and have local meetings at schoolhouses or at dif-



Sixteen pieces 2 by 4 inches by 12 feet, for studs, rafters, and roosts.

One hundred and twenty square feet of boards 12 feet long, for ends.

Fifty-six square feet of boards for back.

Eighty-four square feet of boards for front and dropping boards.

One hundred and fifty square feet of boards for roof.

Two hundred and twelve linear feet of 2 by ½ inch battens.

Total scantling, 226 feet b. m.

Total boards, 622 feet b. m.

Total lumber, 750 feet b. m.

Two pairs hinges.

One hundred and fifty square feet roofing paper.

Nails.

Fifty-six square feet poultry wire, 2-inch mesh.

Poultry netting, ¾-inch mesh, can be used in localities where sparrows are troublesome.

The foregoing ideas for housing are merely suggestive, and any plan that conforms generally to the essentials laid down will be sufficient.

#### Selection of Stock.

The selection of stock is a matter of considerable importance, as a great deal of one's success or failure with poultry depends upon the individual specimens used to breed from. Care should be taken to select the early maturing, fast-growing pullets. Hens will not, as a rule, lay until they are well matured, consequently it can be readily seen that the slow-growing breeds will not begin to lay as soon as the former. A good index to a hen's ability to pay a profit over the cost of feed and labor is her ability to be continually on the move. It is advisable to keep but one breed of pure bred fowls, as the product from a flock of the same variety is more uniform than that from a flock of mixed breeds or mongrel stock. It is advised that all pullets to be used as layers the following winter shall be hatched by April 15, and certainly not later than May 1, of the preceding spring.

#### Feeding the Flock.

It takes a healthy, well-fed flock to produce eggs. Fowls must not be allowed to become too fat, as but few eggs will be laid by hens in such condition. To prevent their getting overfat, it is best to make them work for most of their feed by scratching in the litter, of which there should be about 4 inches on the floor. This litter can be of straw, leaves, or chaff, and should always be kept dry.

A good feed for egg production is one composed of corn, wheat, and oats, equal parts by measure. It is advisable to use home-grown grains whenever possible. In sections where corn and oats do not thrive, other grains can be used to good advantage; for example, a mixture of equal parts by measure of kaffir corn, oats, and barley will produce good results. Scatter a small handful of this mixture for every three hens in the litter morning and noon, and give them all they will eat of it in a V-shaped trough at night. In the winter time some green feed should be fed at noon; cabbage or mangel-wurzels, either chopped or whole, are good. Every few days look in the litter carefully and see if the fowls are eating all the grain being given them; if not, reduce the quantity. Fowls that have to work for what feed they get seldom become overfat. Grit and oyster shells in a hopper should always be kept before them. The grit is used to grind their feed, and the oyster shell furnishes the lime for the egg shells. Be sure and keep water before them at all times. Birds that are laying drink much more water than those that are not laying. The water should be kept out of the direct rays of the sun. During the fall and winter months, when colds and roup are apt to appear among the poultry, it is advisable to add the amount of permanganate of potash which will remain on the face of a 10-cent piece to each gallon of drinking water. This mixture will often prevent and cure these troubles. Allow the fowls free range whenever possible, except when snow is on the ground.

#### Methods of Hatching.

The period of time it takes to hatch eggs of the domestic hen is 21 days. There are two methods of incubation and brooding, namely, natural and artificial. In natural

incubation and brooding the hen is allowed to sit on a nest of eggs and brood or mother the young chicks when hatched. The information contained on this subject is based on our belief that the average farmer has little use for an incubator or brooder unless he intends to hatch and rear chicks unusually early in the spring or in large numbers; therefore only the natural method of incubation and brooding will receive our attention at this time.

#### How to Set a Hen and Her Care While Sitting.

As the time approaches for the hens to become broody or sit, if care is taken to look in the nests it will be seen that there are a few soft downy feathers being left there by the hens; also, the hens stay longer on the nests when laying at this time and on being approached will quite likely remain on the nest, ruffling up their feathers and pecking at the intruder. When it is noted that a hen sits on the nest for two or three nights in succession, she is ready to be transferred to a nest which should be prepared for her beforehand. This nest should be in a box and composed of straw, hay, or chaff for nesting material. Pack this material down firmly and shape a circular nest out of it which should be slightly deeper in the center than at the edges, as a nest so shaped will prevent the eggs from rolling out from under the hen and becoming chilled. Dust the hen thoroughly with insect powder. In applying the powder, hold the hen by the feet, head down, working the powder well into the feathers, giving special attention to regions around the vent and under the wings. The powder should also be sprinkled in the nest. The nest should be in some quiet, out-of-the-way place on the farm, where the



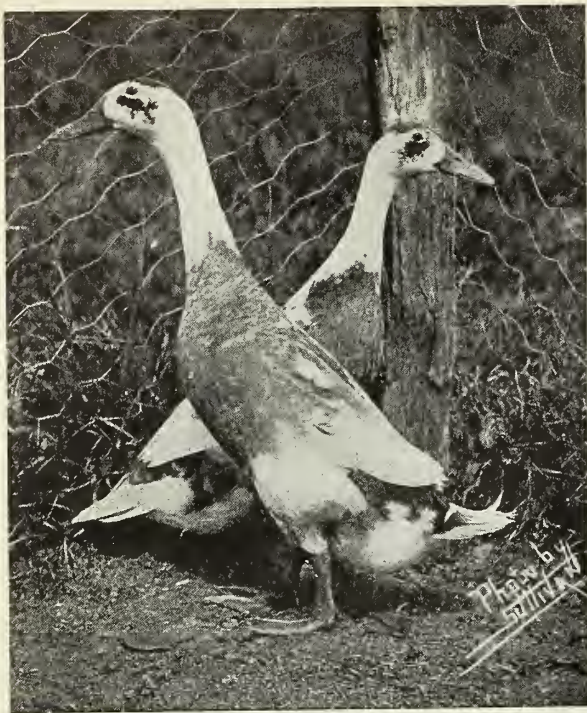
Scene on Maple Hill Poultry Yards, Lexington, Tennessee, where high-class Orpingtons are raised.

sitting hen will not be disturbed. Move her from the regular laying nest at night. Handle her carefully in doing so. Put a china egg or two in the nest where she is to sit, and place a board over the opening so that she can not get off. Toward the evening of the second day, quietly go in where she is sitting, and leave some feed and water, and remove the board from the front or top of the nest and let the hen come off when she is ready. Should she return to the nest after feeding, remove the china egg or eggs and put under her those that are to be incubated. In cool weather it is best to put not more than 10 eggs under a hen, while later in the spring one can put 12 to 15, according to the size of the hen. If several hens are sitting in the same room, see that they are kept on the nests, only allowing them to come off to get feed and water, which should be once a day.

#### Testing the Eggs.

Many eggs that are laid in the late winter and early spring are infertile. For this reason it is advisable to set several hens at the same time. After the eggs have been under the hen for seven days they should be tested to see whether they are fertile or infertile. Infertile eggs should be removed and used at home in cooking or for omelets, and the fertile eggs should be put back under the hen. In this way it is often possible to put all the eggs that three hens originally started to sit on under two hens, and reset the other hen again. For example: Thirty eggs are set under three hens at the same time, 10 under each. At the end of 7 days we find on testing the eggs that 10 are infertile, which leaves us 20 eggs to reset, which we do by





A pair of Indian Runner Ducks, imported in 1912, by Clayton I. Ballard, White Pine, Tennessee.

putting them under two hens, and have the remaining one to set over again, after she has set only 7 days.

A good homemade egg tester or candler can be made from a large shoe box or any box that is large enough to go over a lamp, by removing an end and cutting a hole a little larger than the size of a quarter in the bottom of the box, so that when it is set over a common kerosene lamp the hole in the bottom will be opposite the blaze. A hole the size of a silver dollar should be cut in the top of the box to allow the heat to escape. An infertile egg, when held before the small hole with the lamp lighted inside the box, will look perfectly clear, the same as a fresh one, while a fertile egg will show a small dark spot, known as the embryo, with a mass of little blood veins extending in all directions if the embryo is living. If dead, if the egg has been incubated for at least 36 hours, the blood settles away from the embryo toward the edges of the yolk, forming in some cases an irregular circle of blood, known as a blood ring. Eggs vary in this respect, some showing only a streak of blood. The testing should be done in a dark room.

#### Marketing Eggs.

When ready to sell the eggs grade them according to size and color. Make them into the following classes: Large white eggs, large brown eggs, small white eggs, and small brown eggs. A uniform lot will, as a rule, command a higher price than a mixed one. When taking them to town keep them covered and out of the direct rays of the sun. The following rules should be followed in the care of eggs:

1. Keep the nests clean; provide one nest for every four hens.
2. Gather the eggs twice daily.
3. Keep the eggs in cool, dry room or cellar.
4. Market the eggs at least twice a week.

#### Produce Infertile Eggs.

An infertile egg is one that is laid by a hen that has not been allowed to run with a male bird, or by a hen from which a male bird has been separated from three days to three weeks. Experiments have shown that the time varies. In most cases, however, 14 days is long enough to wait for the eggs to become infertile after the male bird is removed from the females. It is impossible to hatch an infertile egg or to cause a blood ring to form in one. It also keeps in good condition in temperatures that will cause fertile eggs to rot.

A fertile egg is just the opposite of the infertile in many respects. It is the egg that is produced from hens that are running with male birds, although occasionally there are hens running with male birds that lay infertile eggs. This is often the case with hens that are confined in yards and runs, and birds that do not have green feed, or

those that are overfat. The fertile egg is the egg from which the chick is hatched, and the egg that spoils so quickly when subjected to the ordinary methods of handling on the farm and when marketed in the hot summer months under adverse conditions.

**Moral:** When eggs are not desired for hatching purposes, produce the infertile egg. Hens will lay as many eggs without having a male bird with them as they will if allowed to run with one. Sell, kill, or confine all male birds as soon as the hatching season is over.

#### Disposition of Surplus Birds.

When the young chicks are hatched they should be marked in some way, so that it can be known just what pen or pens they are from, if birds from certain pens are to be kept for breeding or other purposes; also to be able to tell the year in which the birds are hatched. A good method of marking the chicks is to punch a small hole in the web of the foot between the toes with a harness punch, using the small-size punch.

It is advisable to market the old hens in the summer as soon as the second laying season is over, as hens over 2 years old rarely lay as many eggs as they do in their pullet and yearling seasons. If they have been toe-punched it will be an easy matter to tell exactly in what year they were hatched. Before sending the old hens, males and young cockerels to market, they should be confined in a small pen for at least two weeks, to increase their weight and put on fat, and should be given all the feed they will consume of a mixture of 2 parts corn meal, 1 part middling or low-grade flour, and 1 part bran, adding enough water to make a crumbly mash. Water or skim milk should also be kept before them during this fattening period.

#### Suggestions to Members.

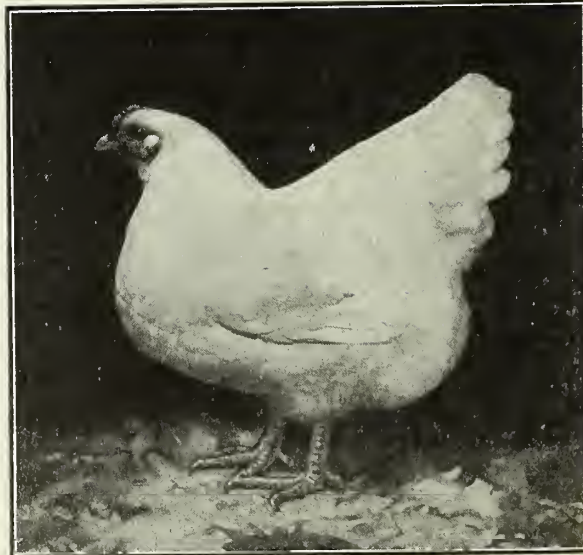
To rid the poultry house of mites, spray the pen, the roosts, and the dropping boards with kerosene or crude petroleum at least once a week from the time warm weather sets in in the spring until cold weather comes in the fall. Those having lime and sulphur compound could use it to good advantage for destroying lice and mites in the poultry house.

Market all cockerels, except those intended for breeding purposes, as soon as they attain broiler size, for they will pay a larger profit at that time than if held until fall when the market becomes overcrowded.

It is urged that club members strictly adhere to the following rules in handling their poultry and eggs:

1. Keep the nests clean; provide one nest for every four hens.
2. Gather the eggs twice daily.
3. Keep the eggs in a cool, dry room or cellar.
4. Market the eggs at least twice a week.
5. Sell, kill, or confine all male birds as soon as the hatching season is over.

The work of organizing the girls' poultry clubs herein described is to be conducted by the Bureau of Animal Industry in co-operation with the Farmers' Co-operative Demonstration Work of the Bureau of Plant Industry.



"Bred To Lay" White Wyandotte Hen No. 125. This hen has a record of 200 eggs in twelve months. Bred and owned by Sidney Johnson, Boydton, Virginia.



# How They Made Money Raising Chickens

By MILEY MOOREHOUSE

**I**T HAS taken us five years to learn that there are chickens AND CHICKENS—and that while both kinds or all kinds have feathers, combs and egg bags and walk on two feet, there is a lot of difference in them when it comes to profits at the end of the year.

When myself and wife went into the chicken raising business on a small five acre farm just outside of Cleveland, O., where I was formerly employed as manager of a department in a big store, we didn't know much about it.

Nearly, if not all of our knowledge had been gained by a careful persual of half dozen books on chicken raising which we had purchased after having seen them advertised in the different magazines. And, strange as it may seem, most all of them were written to expound the good virtues of some particular system of hen raising.

We studied them all and to speak facetiously concluded that about the best system of raising chickens was to buy some eggs and either set a hen on them or put them in an incubator. So we bought the imitation hen and about fifty-seven or less varieties of eggs and started out to raise chickens.

We had to learn by experience. The first year we found we could raise chickens from the eggs, but that it was hard to get eggs from the chickens in quantities large enough to pay. We tried it the second year, and the third and fourth, determined to make a success of it.

At last a friend from Colorado came to visit us, and was surprised to learn that among all our chickens we did not have an Ancona, and especially since they had proved so valuable to him. So we purchased a pair of Anconas and some eggs and got busy with our new brand of chickens, natives of Ancona, a maritime town in Italy, 134 miles northeast of Rome, whence they were introduced into England about 1852. They were imported to America about 1890 and we purchased ours from H. Cecil Sheppard, a well known importer, exporter and breeder, and president of the International Ancona Club, of Berea, Ohio.

I remember how my wife looked when I brought the two chickens back home with me, following a trip to Berea. Their black feathers with white tip fascinated her, for they were pretty birds. There are two varieties, the Rose and Single Comb.

Our fences were only six feet high and we feared that the Anconas might fly over it and become lost because of their so-called wildness. But we found they were easily kept inside the fence and were tame and easy to handle.

And when winter came with the cold blasts, our Anconas sang merrily, regardless of the wind. The eggs hatched out nicely and we soon had a flock of Anconas in development. Then we began breeding, using ten to fifteen females for every male. Some of our eggs hatched ninety



1st prize Hen, Atlanta Show, Dec., 1912, in strong class. 1st prize and reward of \$50.00; a loving cup for best female in show in Charlotte, Jan., 1913, the total entry being 1,800 birds. Owned by Mrs. Walter R. Byford, Charlotte, N. C.

per cent when shipped 3,000 miles to friends, and we get as high as 100 per cent.

We found that the Anconas do not eat as much as the larger breeds and that they lay more eggs, which makes them the chickens that pay the best. They also require less attention to produce more eggs. We were not compelled to spend long hours mixing up hot and cooked mashs and adding dope to force egg production. They stood confinement and cold weather well and produced the eggs. One pullet laid 60 eggs in 61 consecutive days, and 78 eggs in 82 consecutive days, and was on the job for some time after that. The eggs were larger than the other variety of hens laid, and few of the hens showed a tendency to broodiness. I consider the Anconas the greatest layers the world has ever produced. Frequently my pullets have laid at four and one-half months. Four hens made a wonderful record of 928 eggs in 12 months, and by proper feeding they increased the figures to 270.

We separated the Anconas from the other breeds to test their laying qualities and found they laid nearly twice as many eggs and consumed less feed. We have fed our Anconas wheat, corn, buckwheat, kaffir corn, barley, oats and hemp. We found a practical mixture to be 50 per cent of wheat and 50 per cent of as many other grains as we could conveniently secure. We gave wheat preference because it was easier to digest. We also kept before the chickens constantly bran, beefsteak, oyster shell, grit and charcoal. During the winter months we fed green cut bone, about three pounds to the hundred hens per day.

We have now disposed of all of our other breeds and are handling the Anconas exclusively because we have found them more-profitable. If you want to make money from your hens get Anconas, upon the advice of two chicken fanciers who have experimented with many breeds.

[Note—When you contemplate purchasing Anconas, or stock of any other breed, consult the advertising columns of The Industrious Hen before buying.—Editor.]



Winner of A. P. A. Silver Medal, best Turkey in Show. Charlotte, 1913. Owned by Mrs. Walter R. Byford, Charlotte, N. C.



# THE INDUSTRIOUS HEN

## and Tennessee Poultry Journal

One Year 50c, 3 Years \$1.00

Devoted to the Interests of Commercial and Fancy Poultrymen  
Entered at Knoxville, Tenn., Postoffice as second-class matter

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"I find The Industrious Hen is the best advertising medium in the South. I make this assertion because of the fact that I have tried them all."—Clayton I. Ballard, White Pine, Tennessee.

## Poultry Shows and Poultry Journals

**T**HE custom that the management of a number of poultry shows have established of charging representatives of poultry journals for booth space, works a great hardship on the poultry press, and should be abolished. It seems as though the poultry journals are expected to publish, gratis, all show dates, and by free write-ups and other means boost the shows, and in the majority of cases the management does not run a display ad in any journal, depending on the free advertising as mentioned above to obtain a large exhibit of birds and to create sufficient interest to make their respective shows a success. We are glad that the officials of some of our Southern shows have taken the initiative step in extending an open door policy to the representatives of the poultry press. They are beginning to realize the fact that the press is doing much for the success of the shows and associations and for the betterment of conditions generally that will result in great benefit to the poultry interests of the country. The poultry journals might be able to continue publication without the revenue derived from the subscriptions and advertising obtained by their representatives at the various shows, but the poultry shows can ill afford to lose the friendly help of the press in boosting their annual exhibitions.

The shows and the press should work in harmony with each other. They should co-operate one with the other in furthering their respective interests. And mark you, the show officials who have the liberal spirit and extend the glad hand to the press, are the ones who always receive the most favorable consideration from ye editor.—E. M. G.

We are in receipt of the eighth annual report of the State Entomologist and Plant Pathologist for Tennessee. The report contains much valuable information to those interested in this branch of agriculture, and copies of the same can be had upon request by addressing G. M. Bentley, State Entomologist, Knoxville, Tennessee.

We note with pleasure that the Southern Fancier of Atlanta, Ga., has been purchased by Mr. T. M. Poole, who will be the editor-in-chief. We predict a successful career for the Southern Fancier under Mr. Poole's management, as he is a poultryman of practical experience. The success of Atlanta's recent show was largely due to the untiring efforts of Mr. Poole. The poultry world needs more progressive men like him.

Almost one million dozens of eggs were sold by the Housekeepers' League of Philadelphia, Pa., in the short space of fifteen days, during the recent war against extortion. About \$100,000.00 were saved the consumers. The same success crowned the efforts of those who fought high prices in New York and Chicago, but not on such large scale as in Philadelphia. The same kind of a campaign against high prices of other food products will mean a reduction in the cost of food to where it will be possible for the common people to live rather than exist.

## Mr. Essex Declines to Be a Candidate

Editor Industrious Hen:

As I have been named in numerous poultry papers as a candidate for the Presidency of the American Poultry Association, I would like to tell those interested that I am not in the field. Can you spare the space?

While I fully appreciate the honor of the proposal—the New York Branch Presidency, together with the work of assisting in the preparation of the Market Poultry and Egg Standard, takes up all the time I can afford, and my opinion is that a man who accepts the responsibilities of office should be prepared to work for all he is worth.

I want to thank the many friends who at New York and Chicago shows urged me to run; also those poultry journals which undertook to lend their influence towards my election.

It is an experience to remember with satisfaction, and I am under an obligation to those who were kind enough to make the proposal. Yours very truly,

ROBT. H. ESSEX.

## For Executive Committeeman

We are in receipt of the following letter from Mr. W. C. Denny, Secretary-Treasurer of the American Poultry World, and we gladly give space for its publication:

Please announce in the February issue of the Industrious Hen, that I am a candidate for member of the Executive Committee of the American Poultry Association.

I became a member of the American Poultry Association in 1901, and was a member of the 1910 Revision Committee.

If elected, I shall do my utmost to serve the best interests of the Association.

Thanking you and assuring you of my appreciation for whatever assistance you may lend my candidacy, I am  
Very truly yours,

W. C. DENNY.

The hatching season is just ahead and poultrymen should place their ads now for egg orders.

This is the hatching season for candidates who aspire to A. P. A. honors. Several have already come out of the shell and others are pipping.

## The Hen Gets Better and Better

5010 Sunnyside Ave., Chattanooga, Tenn.

January 20, 1913.

The Industrious Hen,  
Knoxville, Tenn.

Gentlemen: I want to write you and tell you I think "The Hen" gets better and better. January number can't be beaten by any poultry journal in the country. I am reading ten, and I consider it the best of my list. I certainly enjoy reading The Hen.

Please find enclosed check for \$2.00; kindly send me copy latest (1912-1915) edition "New Standard of Perfection."

Yours truly, John W. Chandler.

P. S.—I want to say, too, that "Hen & Chicks" is fine little book—worth many times the price.

[The above unsolicited testimonial but corroborates many others that have come to us, praising The Industrious Hen. Mr. Chandler is one of Chattanooga's wide-awake poultrymen, and the fact that he is buying a Standard of Perfection is evidence of the fact that he has the progressive spirit.—Editor.]



## To Establish County Demonstration Farms

**C**OMMISSIONER OF AGRICULTURE for Tennessee, Capt. T. F. Peck, has had introduced in both houses of the General Assembly a bill to create and establish county demonstration farms in the various counties of the State. If this measure becomes a law, it will inure to the welfare of the farmers generally throughout the State.

The poultrymen in the State should be benefited by the measure also, as no farm is complete unless it has one or more breeds of thoroughbred poultry thereon.

Capt. Peck is a man of progressive ideas. He has done much for the advancement of the agricultural interests of our commonwealth, and being a man of practical experience, he is in position to know the needs of the farmer and stockman, and is just the kind of a man who is needed to inaugurate this new and progressive step in establishing demonstration farms throughout the State, so that the farmers and those interested in agricultural products may get practical lessons at home without having to attend an agricultural school that will be helpful to them in making a greater success on their farms than heretofore.

Believing that hundreds of our readers in Tennessee will be interested in the proposed new law, we gladly give space to publish the same, and hope that the present Tennessee Legislature will act favorably upon the bill as presented:

### HOUSE BILL No. 80

An Act entitled "An Act to create and establish county demonstration farms in the various counties in this State. To provide for their proper equipment and maintenance; to provide for their management and operation; to appropriate funds to defray expenses of said operation, management and maintenance; to empower the Commissioner of Agriculture to promulgate rules and regulations for the carrying out of the provisions of this Act; to empower the Commissioner of Agriculture to employ suitable and available demonstrators to direct said demonstrations as provided, and to fix salary for same; to empower county courts in the various counties in this State to co-operate with the Department of Agriculture in the establishment of said demonstration farms by the purchase of land, erection of necessary buildings and the purchase of necessary implements and machinery, live stock and other necessary equipment."

**Section 1.** Be it enacted by the General Assembly of the State of Tennessee, That the Commissioner of Agriculture of Tennessee be, and is hereby, authorized and empowered to establish, in each of the counties of this State, in co-operation with the county courts of said counties, as hereinafter provided, a county demonstration farm, for the purpose of demonstrating the results of work of original investigation done by the experiment stations, and the best methods of economic farm management, soil reclamation and best cultural methods.

**Sec. 2.** Be it further enacted, That the Commissioner of Agriculture is hereby authorized and empowered to provide for the expert direction of said county demonstration farms by the appointment of one expert demonstrator, who shall have charge of and general supervision over all demonstration farms established under the provisions of this Act, and who shall have such county assistants as in the discretion of the Commissioner of Agriculture may be deemed necessary. **Provided,** that said expert demonstrator and his county assistants shall be appointed by the Commissioner of Agriculture from among the graduates of the College of Agriculture of the University of Tennessee, when available.

**Sec. 3.** Be it further enacted, That the compensation of the expert demonstrator and his assistants shall be fixed by the Commissioner of Agriculture; **provided,** that it shall not exceed fifteen hundred dollars (\$1,500.00) annually and necessary traveling expenses for the expert demonstrator and one thousand dollars (\$1,000.00) annually for each of his county assistants.

**Sec. 4.** Be it further enacted, That the provisions of this Act shall apply only to such counties in this State as shall co-operate with the Department of Agriculture in the establishment of demonstration farms by providing the farm and its equipment and labor; **provided,** that counties thus co-operating and providing such farm, and its equipment and labor, shall receive into its treasury the proceeds of the sale of the products of the farm.

**Sec. 5.** Be it further enacted, That the county courts of the various counties in this State, in order to avail them-

selves of the provisions of this Act, be, and are hereby, authorized and empowered to purchase necessary lands, erect buildings, purchase equipment, and provide labor for this purpose, by appropriation from the county treasury, by special levy, or by the issuance of bonds, at the discretion of the court in quarterly session.

**Sec. 6.** Be it further enacted, That in the establishment of county demonstration farms, as provided in this Act, the county court may, in its discretion, where such county has a county high school, establish said county demonstration farm in connection with the high school.

**Sec. 7.** Be it further enacted, That the Commissioner of Agriculture shall have the power to prescribe and publish such rules and regulations as are necessary for carrying out the provisions of this Act.

**Sec. 8.** Be it further enacted, That the Commissioner of Agriculture shall make annually a report to the Governor of the operation of these county demonstration farms, and shall have such report printed for distribution.

**Sec. 9.** Be it further enacted, That, for the purpose of carrying out the provisions of this Act, there is hereby appropriated a sum not exceeding the amount collected annually by the Commissioner of Agriculture from the sale of fertilizer inspection tags and feed and seed inspection stamps in excess of the amount necessary and expended for the enforcement of the laws regulating the sale of fertilizer and feed and seed in this State.

**Sec. 10.** Be it further enacted, That expenses incurred in carrying out the provisions of this Act shall be paid by warrant of the State Comptroller, upon bills filed by the Commissioner of Agriculture.

**Sec. 11.** Be it further enacted, That all laws and parts of laws in conflict with this Act be, and they are hereby repealed.

**Sec. 12.** Be it further enacted, That this Act take effect from and after its passage, the public welfare requiring it.

## Write For This Free Book

The handsomest book that has come to our desk this season is the large and complete catalogue for 1913, entitled, "Profitable Poultry and Egg Production," issued by Cyphers' Incubator Co., Buffalo, N. Y. The book contains 244 pages, handsomely bound in embossed cover, and it is magnificently illustrated, quite a number of the illustrations being in colors. Besides being a complete catalogue of the products of this company, the book is a veritable storehouse of valuable information which is indispensable to the up-to-date poultryman. In the pages of this catalogue, there are eight chapters, each one of which contains information and suggestions that should prove truly helpful to men and women in every branch of the poultry industry. Following are the titles of the chapters:

Chapter I—What Is Possible In Poultry Meat Production?

Chapter II—What Can Be Done in the Way of Egg Production?

Chapter III—Deep-Litter Feeding Experiments of 1912.

Chapter IV—Quick Maturity in General Purpose Fowls.

Chapter V—Ages and Weights of Chickens for Table Use.

Chapter VI—How to Establish Prolific Egg-Yielding Flocks.

Chapter VII—Today's Best Chance in the Poultry Business.

Chapter VIII—Small Scale Poultry Keeping on a Practical Basis.

Do not fail to write for a copy of this handsome catalogue, and write today. It is free—sent postpaid for the asking if you will tell them in your letter that you saw this notice in *The Industrious Hen*. Don't forget this. Address your letter to Cyphers' Incubator Co., Dept. 13, Buffalo, N. Y.

## Wants Same Space as Last Year

Oakford, Pa., Jan. 16, 1913.

The Industrious Hen Co., Knoxville, Tenn.

Dear Sirs: Some days since, I had a communication from you, asking me to renew my contract. I have cut my advertising in exactly half or less than that in all cases, but if your terms are the same to me, I will gladly send you my check for same space as last year.—Yours very truly, W. F. Fottrell.



### Some Good Advice.—Stick.

By George Matthews Adams.

Stick. Just Stick.

That's the essence—the beginning and ending—of success.

Stick. The Sticker is the "get there" man. Stick.

Everybody begins—but not all stick. Yesterday you failed, maybe, but to-day you can Win—if you stick it out. All achievers wear a badge labeled "STICK."

You stick—to-day.

When you feel like quitting—Stick! If the other fellow is getting the best of you—stick. He will if you don't.

Stick.

The greater successes of business and life are but repetitions of the same story—the story of men who know HOW to stick.

Stick.

You may not like your job, but think before you change it. So few know HOW to stick. So few learn WHEN to stick. So few care WHERE they stick. You think it out with patience. Then—whether it be a job or a task—stick it out.

Stick.

To-day—start things and stick to each task until finished—completed in the best way you know how.

Just Stick.

A friend of ours sent the above clipping to us, saying that he knew many would-be poultrymen it would fit. One day they "blow hot" and another day they "blow cold." Some days they are going to do big things, and there is plenty of money in poultry. Another day they get out their hammers and there is no money in poultry; they are going to sell out and quit. The funny part of the matter is they never quit but their talk continues, changing from one extreme to the other.

Some people advertise for probably three months in the Spring and do well, according to time and mediums used, but who think they should get a large number of orders daily without practically any expenditure of money. They get up a cheap circular, no winnings of note, and knock if they don't get rich by mid-summer.

### Sicilian Buttercups an Ideal Fowl

**Q**UITE a few articles have been written for the different poultry journals relating to this valuable breed, and as I have been requested by our President, Mr. H. W. Dewey, to pen a few lines for the cause, I take great pleasure in sending this to The Industrious Hen.

It is nearly five years ago since "The Industrious Hen" was first to introduce this breed in a general way to the poultry lovers all over the country. My late husband, Mr. J. S. Dumaresq, attracted the interest of Mr. L. B. Audigier, Managing Editor of The Hen, and together they soon convinced many skeptical breeders that Buttercups were all that they are claimed to be, and are here to stay. Mr. Dumaresq died shortly afterward, and with Mr. Audigier's assistance, the first exhibit of these fowls was at Knoxville, Tenn., the year after. I had quite a large exhibit at the Appalachian Exposition, where they attracted great attention and were much admired. Since then they have won favor with our large breeders—so much so, many have discontinued raising other breeds and breed Buttercups exclusively.

The name Buttercup is wholly American—Mr. Loring, another enthusiastic breeder of some years back, gave them the name, as their comb resembles the flower by that name. They are a Mediterranean breed, coming from the Island of Sicily. Many are bred on the Southern part of the island. Quite a few are bred in Southern France. Over a half century ago they were bred in America. Then, for some reason, the breed was not favorably considered. I understand it was owing to the inferior importation. Some coming with yellow legs, instead of green; combs irregular—and penciling very bad indeed—they were taken up again about thirty years ago by a few breeders who continued breeding them, but made no attempt to be careful in matings and naturally they dropped out of sight of the public eye again. Then again over fifty years ago the legs were a beautiful blue instead of green; a deeper buff, and very dark penciling. They are not an unusual fowl in Italy; unfortunately the peasants are indifferent as to markings, caring only for the egg production, which is more than from any other

breed of fowls in existence. By hard work and care in our selection of breeding pens, and choice importations, we have eliminated many of those imperfections, and now have the almost or perfect Buttercups.

They are called among the peasants "Uccello di Jiove," meaning "Flower Bird," or "Loughi Siciliani," meaning "Sicilian Spots." A pretty pullet is often called "La Bella di Sicilia," the Belle of Sicily. My husband was attracted to these fowls over forty years ago, and living abroad and being in diplomatic service, he naturally knew where the choice of these fowls were to be found, and on his return to America, he continued his interest and engaged in breeding them. They are very hardy; the chickens feather and mature early. I have a testimonial of pullets laying in 124 days. Their meat is of the highest quality, plump and yellow; their comb is their peculiar characteristic—it is formed like a cup, or saucer, with numerous points or spikes—on top of head, resembling the flower, buttercup; the legs are a willow green. They are very gentle and will eat out of one's hand. Best of all, the egg basket is always full to overflowing. They require much less feed than other breeds and are great foragers. I cannot say too much in favor of them. We now have formed the American Buttercup Club, our first meeting was at Rochester, N. Y. From now on we hope this unique fowl will always remain with us. We believe they are the world's greatest layers, this honor having been won on their own merits.—Mrs. A. M. Dumaresq, Vice-President American Buttercup Club, Easton, Md.

### How You Should Mate Anconas

As we receive so many letters from our customers asking how to mate Anconas, we think a short article may be of benefit.

It takes time and patience to get what you want, but breed each year from your best birds in size, shape and color. We will never find a perfect bird, but let us have our ideal Ancona and breed them till we reach it.

Remember the male is half the pen. He should be vigorous, of good shape and size. We prefer a male almost black rather than have him too white, as the tendency in Anconas is to moult lighter. Be sure that he has the beautiful green sheen that makes the Ancona so handsome. A few white feathers in wing or tail does not disqualify a breeder. Be sure that he has a good, straight comb with no side sprigs, white or cream earlobes.

Select your best pullets with black wing and tail tipped with white, long back and low tail; let the shape come first. If some of your pullets have too much white, mate them with a male that is almost black.

Be careful about introducing new blood. Be sure that you buy from a breeder who is honest and has had experience. Write him what your birds lack and ask him to supply the deficiency.

Of course, breeders of experience know they should mate hens that have come through the moult with a good dark color.

We have this year mated our pullets to cocks that have come through the moult with a coat of feathers as black and glossy as a cockerel, and our hens look like pullets. Anconas are fast coming to the front and have come to stay. They mature so rapidly that they often begin laying at 4½ months old and lay in the coldest weather when eggs are high; this is the secret of their popularity.—Dismukes and Arrington, Castalian Springs, Tennessee.

### Brought Him Results

Richmond, Va., Jan. 16, 1913.

The Industrious Hen, Knoxville, Tenn.

Dear Sirs: My ad in the January Hen brought better results than any single ad that I have placed this year, and sold over half the \$7.50 trios that I had to sell. However, I have a few good trios at this price still left.

My sales the week of January 12-18, were the largest I have ever made in a single week and not one customer was dissatisfied.

Am enclosing copy for the February issue from which you will see that the "Blue-Bars" took nearly everything at the Richmond, Va., Show, including the Grand Prize Gold Medal for champion cockerel in the show.—Very truly yours, L. H. Reade, Richmond, Va.



# Single Comb BROWN LEGHORNS

Winners of 4 firsts, 4 seconds, 6 thirds, at Meridian, Mississippi, and Atlanta, Georgia this season. These birds are all produced from the single mating plan. We are breeding birds with style, color and good large combs from a single mating. The hens also have the shape and combs that mark them as splendid layers. Eggs at \$1.50 per 15, \$7 per 100; baby chicks at 12c; stock at \$2. Promptness and satisfaction our specialty.

STURTEVANT BROS., BROWN LEGHORN FARM

-- Box 12 --

KUSHLA, ALABAMA

## Our Breeders and Their Birds

By EDW. M. GRAHAM, Knoxville, Tennessee

Harry Callicott, Coldwater, Miss., who breeds S. C. White Orpingtons, furnishes us with his 1912 winnings, as follows: Jackson, Miss.—1st hen; 1st and 4th pullet; 3d pen. Meridian, Miss.—1st hen; 1st and 3d cockerel; 2d cock; 4th pullet; silver medal for best cockerel; silver cup for best White Orpington male; silver cup for best display; the American White Orpington Club cup for display. See Mr. Callicott's ad elsewhere in this issue.

One among the most progressive poultry breeding firms is the Aldrich Poultry Farm, Columbus, Ohio. They breed S. C. White Orpingtons exclusively. Their recent winnings are as follows: New York, Madison Square Garden show—1st, 5th pens; 1st hen; 3d, 5th cock; 3d pullet. At Baltimore—3 firsts, 2 seconds and 5 specials on 5 entries, winning 1st cock, 1st hen, 1st pen, 2d cockerel, 2d pullet. See their display ad in front of this journal.

B. L. Blackwell, proprietor of the Runnymede Poultry Farm, Route 4, Spartanburg, S. C., recently purchased 130 acres of land which he will use entirely for his poultry, young stock exclusively. The winnings of the Runnymede Poultry Farm at the recent shows at Spartanburg were as follows: 1st, 2d cockerel; 1st, 2d, 3d pullet; 1st pen; 2d display; 2d cock; 3d cockerel; 1st, 2d pullet; 2d 4th pen. In a class of 32 White Leghorns at the poultry show there, this farm won 1st and 2d pullet.

In this month's issue of The Hen you will find the display ad of Power & Cablish Poultry Farms, Maysville, Ky. They breed the Buff and White Wyandottes. During the season of 1912-13 they are again heavy winners at Chicago, Louisville, and Insular Exposition, San Juan, Porto Rico. They are offering some quality stock for sale. Do not fail to read their ad and if in need of Wyandottes write them before placing your order.

Aldrich Poultry Farm, Columbus, Ohio, has just issued one of the most artistic catalogues we have had the pleasure of receiving this season. It is nicely illustrated and gives valuable information relative to White Orping-

SHOW DATES.

Duluth, Minn., Feb. 3-8, 1913.  
Lakeland, Fla., Feby. 10-15, 1913.  
Pittsburg, Pa., Feb. 17-22, 1913.  
Fort Worth, Texas, March 18-23, 1913.  
National Conservation Exposition, Knoxville, Tenn., Oct. 6-11, 1913.  
Atlanta, Ga., Dec. 1-6, 1913.

tons. Be sure and send for this catalogue if you are a lover of S. C. White Orpingtons.

At the great Atlanta show last month, Parkway Farm, Trenton, N. J., made the following winnings: On Silver Penciled Rocks, all ribbons—clean sweep and special for best display. On Partridge Rocks—3d cock; 2d cockerel; 2d pullet; 1st pen. On Silver Campines—1st cock; 1st hen; 3d cockerel; 1st pullet; 1st pen. See their display ad in this issue for other winnings.

E. E. Carter, Knoxville, Tenn., the popular breeder of Single Comb Brown Leghorns, furnishes us the following list of his winnings this season: Atlanta, Ga.—3d cock; 4th hen; 2d cockerel; 1st pullet; 1st pen. Cleveland, Ohio—2d, 5th cocks; 3d, 5th hen; 2d, 4th cockerel; 4th pullet; 4th pen; \$25.00 Club cup won on points. Cleveland Poultry Association; \$25.00 cup

PARCEL-POST OFFER

To All Poultry Raisers of U. S. A.

That All May Know the Exceptional Value and Unusual Merit of

**"F.P.C. CHICK MANNA"**

The Original, First Offered and Leading

**SPECIAL PREPARED 1st 10 DAY FOOD**

Peculiarly Adapted, Recognized Unsurpassed for

**Starting Newly Hatched**

**Chicks, Turkeys and Pheasants**

**Healthy, Strong, Vigorous, Well Developed**

Brings the tender little creatures through the most critical period-by regulating and strengthening their fine tender organs

Introduced 1884

A trial will prove its merit

"They not only like it but thrive wonderfully on it."

-M. K. BOYER

CHICK MANNA

Ask your dealer for it. Insist on having it. Don't substitute

**Sold by leading Poultry Supply Houses**

1 lb. feeds 15 Chicks, 5 lbs. feeds 75 Chicks for first week

CUT OUT MAIL-TO-DAY

**Special Introductory Coupon**

**Good Jan. 1 to March 15, 1913**

This coupon entitles sender to either a 1 pound or a 5 pound package "F. P. C." Chick Manna sent post paid to any post office or R. D. Route in States named at special introductory prices named below.

Maine, N. H.	O. Mich. W. Va.	Cali. Ari. Wash	Wis. Iowa,
Vt., Mass., R. I.	Ky. Ind. S. C.	Nev. Utah	Ill. Mo. Arka.
Conn., N. Y.	and N. C.	Idaho, Ore.	Tenn. Miss.
Penna., N. J.	<b>1 lb 21c</b>	<b>1 lb 30c</b>	Ala. Ga.
Del., Md., Va.	<b>5 lbs 65c</b>	<b>5 lbs 95c</b>	Florida
	<b>1 lb 17c</b>	New Mexico	<b>1 lb 23c</b>
	<b>5 lbs 54c</b>	Col. Wyo. Mont.	<b>5 lbs 70c</b>
	<b>1 lb 25c</b>	<b>1 lb 28c</b>	
	<b>5 lbs 80c</b>	<b>5 lbs 85c</b>	

Send for free Circulars of "F.P.C." Poultry Food and Supplies

**F. P. Cassel & Son** Sole mfrs. **Lansdale, Pa.**

## KILMAN'S SINGLE COMB RED QUILL REDS

Another sweeping victory in strong company. 1st, 2nd, 4th and 7th cockerel; 1st, 3rd, 5th and 7th pullet; 2nd cock; 1st and 2nd pen. Cup for best 15 Reds. Cash special for best 15 parti-colored birds, gold leg-bands each for best parti-colored male and female, and grand gold medal for BEST COCKEREL IN THE SHOW, all breeds competing, 12 regular and 13 special prizes on 21 birds entered. This record at the big A. P. A. meet and Arkansas State show at Little Rock. Get our mating list. Eggs, \$5.00 per 15.

W. F. KILMAN

-- -- --

BALD KNOB, ARKANSAS

A HOME MACHINE FOR THE HOME FOLKS  
MADE TO SUIT THE CONDITIONS IN THE SOUTH

Manufactured by

**Southern States Incubator  
and Brooder Company**

COLLEGE PARK, GEORGIA

A Machine that is hatching big per cent of Ducks and Chickens. It is absolutely free from smoking or catching on fire.

TEMPERATURE  
MOISTURE  
VENTILATION

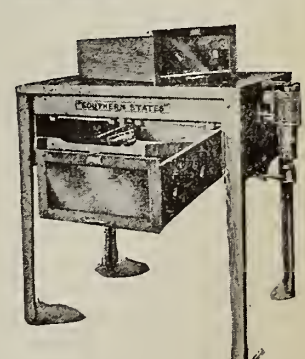
} AUTOMATIC

There is no machine on the market today better in any way than this machine. Made from the best of natural oak grown in Georgia; highly polished, it is a substantial and beautiful piece of furniture. All inside heating equipment made from best grade of copper.

IT IS A MACHINE OF

LASTING QUALITIES  
ORNAMENTAL QUALITIES  
EFFICIENT QUALITIES

Write us for our catalogue, describing fully each machine and brooder, with prices. Don't buy until you have investigated our machine.





# BLACK=BUFF=WHITE ORPINGTONS

ALL PENS HEADED BY PRIZE WINNERS. Book orders for eggs now and get the purest blood and breeding of England and America. 15 eggs \$10.00. Write today for catalogue.

MAPLE HILL POULTRY YARDS Creasy & Denver LEXINGTON, TENNESSEE  
Proprietors

## "DON'T WORRY! CONKEY WILL CURE ME!"

CONKEY would like to hear from poultry raisers everywhere who dread loss from ROUP. Your money back if Conkey's Roup Remedy EVER fails you. Many breeders use it as a PREVENTIVE. Price 50c and \$1.00. All dealers or sent direct. Get this NOW.

Send for complete list of Conkey Remedies. If you enclose 4 cents in stamps we will mail you 80-Page POULTRY BOOK free.

The G. E. Conkey Co., Dept. 17  
Cleveland, Ohio

won for best display. See Mr. Carter's ad elsewhere in this issue.

We publish below the winnings at the various shows, of Robt. B. Johnson, Spartanburg, S. C., on his Black Langshans: Baltimore—1st cock. Atlanta—1st cock. Savannah—1st cock; 5th hen. Spartanburg, S. C., 2d, 3d cockerel; 1st, 3d, 4th, 5th hen; 1st 2d, 4th, 5th pullet; 1st pen; special for best pullet in show, also for best shaped female, and silver cup for best display.

C. W. Anderson, 133 Magnolia St., Spartanburg, S. C., at the recent show in his city won on his birds as follows: White Wyandottes, 3d cock, 1st cockerel; 1st, 2d hen; 4th, 5th pullet; 1st pen; 1st display; special ribbon best pen in show. On S. C. W. Leghorns, President's cup for best pen in Mediterranean class; 4th cock; 2d cockerel; 1st, 3d, 4th hen; 1st pen; 1st display. On Buff Orpingtons, 2d cock. On White Rocks, 1st hen (one entry). On Buff Orpington ducks, 1st, 2d, 3d young drake; 1st, 2d young duck; 1st 2d old duck; 1st pen. At Abingdon, Va., show last December, Mr. Anderson won on S. C. W. Leghorns, 1st, 3d hen; 2d cockerel. On Buff Orpingtons, 1st cock. On White Wyandottes, 1st cock; 1st, 2d hen; best Orpington male in show and best Wyandotte hen in show, and also in Mediterranean class.

We are in receipt of a letter from D. R. McBrayer, Manager of Mountain View Farm, Mooresboro, N. C., and from the same we gather the following information: This plant is located near Mooresboro, on a 250 acre farm. Their young stock have an unlimited range which insures quick growth, health and vigor. They have mated their pens for the egg trade,

"BEST IN VIRGINIA"

## Single Comb White Leghorns

I now own the Birds that won silver cup and best display, Baltimore, Md., Jan., 1912; silver cups and best display, Richmond, Va., Jan., 1913. Eggs from these matings, \$5.00 for 15. Write me your wants.

W. R. TODD :- 426 North 6th Street :- RICHMOND, VIRGINIA

## BLACK LANGSHANS

My latest wins: ATLANTA, DEC., 1912, (2 entries), first and second hen. S. E. P. A., CHARLOTTE, JAN., 1913—First cock; second and third cockerel; first and third hen; first, second and third pullet; first pen. GRAND SPECIALS—\$50 silver cup best female in show, 1,800 birds entered, (see cut this issue); silver cup best display Black Langshans; silver cup best Langshan female; A. P. A. medal for best Turkey in show (see cut this issue). Other specials and cash to value of \$30. I specialize in Black Langshans and Bronze Turkeys. Eggs from my undefeated pen, \$10 per 15; eggs from my second pen, \$5 per 15; eggs from my good but unshown pen, \$2.50 per 12. Turkey eggs \$6 per doz. Mem. of Nat. Black Langshan Club. (MRS.) WALTER R. BYFORD, . . . . . CHARLOTTE, NORTH CAROLINA.

## HINTON'S POULTRY

Quality WHITE WYANDOTTES, S. C. WHITE LEGHORNS, BUCKEYES, BUFF COCHIN BANTAMS, PEDIGREED COLLIE DOGS. Baby chicks and eggs for hatching from select prize winners and great egg producers. A few good breeders and a choice lot of Collie puppies for sale. Write your wants; I can please you as to prices and quality.

MRS. H. P. HINTON :- Route 6 :- Box 87 :- DALLAS, TEXAS

and in these pens are birds of the best type which Mr. McBrayer says are bound to produce winners and prolific layers. Mr. McBrayer is a "live wire" in the poultry business, and believes in doing things right. He guarantees to please every one and you should look up his display ad in this issue.

Mrs. Don Donaldson, Decatur, Ga., reports her recent winnings as follows: Alabama State Fair, Birmingham—1st cockerel; 1st hen; 1st, 3d pullet. Atlanta, Ga., October-November, 1912—4th cock; 1st hen; 1st pullet. See her ad in this issue.

In this issue you will notice the picture of a pair of Indian Runner ducks, owned by Clayton I. Ballard, White Pine, Tenn. Mr. Ballard informs us that they are imported stock. Mr. Ballard has been a breeder of ducks for a number of years and claims the distinction of being the oldest breeder of Indian Runner ducks in the South. See his display ad in this issue of the Hen. Mr. Ballard has just issued a handsome catalog and mating list; send for a copy.

On the page opposite the editorial page you will find the ad of F. P. Cassel & Son, Lansdale, Pa., in which they are making a special parcel post offer to introduce F. P. C. Chick Manna, and give the poultry raisers

an opportunity to thoroughly test the merits of this feed. It is for chickens, turkeys, pheasants, etc. This food was first placed on the market in 1884, and has been thoroughly tried and tested for the past 28 years. Send them a trial order.

In publishing the winnings last month of the Hydrangea Poultry Farm, Summerville, S. C., we failed to mention their winnings on Buff Plymouth Rocks at Charleston, S. C., this season. They were: 1st, 3d cockerel; 1st, 3d, 4th pullet; 1st, 2d, 4th hen; 1st pen; silver cup for best display.

Scotch Plains, N. J., Jan. 22, 1913.  
Industrious Hen:

Dear Sirs:—We will esteem it a favor if you will kindly insert in your February issue our winnings at Norfolk, Va. We entered three birds there, and won three first and two cups for the best bird in the show; winning first Buff, first Black and first White Orpington cockerel. At Jacksonville, Florida, we won in Buff Orpingtons, first and second cockerels; first pen; first hen; first pullet and second cock; in White Orpingtons first and third cockerels; first cock; first pen; second hen and pullet; in Black Orpingtons, first and second cockerels; first pen, first pullet, second hen and cock, first Diamond Jubilee Orpington pen; also two cups



and a medal for the best cockerel and best cock in the show, and the best display of Orpingtons.

You might mention that we are still charging the same price—\$20 per setting—for our best eggs, which are from all our first prize winners, and to be sure to send for our catalog and mating list.

We are pleased to state that the results from our ads in your journal are excellent, and we are more than pleased with them.

We are always pleased to recommend the *Industrious Hen* to advertisers and readers. Wishing you every success, we are

Yours truly,  
WM. COOK & SONS,  
By P. A. Cook.

J. T. Rutherford, proprietor of Ben Lamond Farm, Rockcastle, Va., at the Richmond, Va., show, held Jan. 14-18, 1913, won the following: On S. C. Reds, 1st cock, and shape special, and 4th cockerel, on two entries. On S. C. Black Minorcas: 1st cock; 4th and 5th cockerel; 2d hen; 1st, 3d, 5th pullet; 3d, 4th pen. See his ad in this issue.

At the Jacksonville, Fla., show last month, L. M. Barrett, of Morristown, Tenn., made the following winnings on his Anconas: Mr. Barrett entered 3 pullets, 2 hens and 1 cockerel, and won 1st, 2d, 3d pullet; 1st, 2d hen; 1st cockerel. This is a winning of which Mr. Barrett may well feel grateful.

In this issue of *The Hen* you will find the ad of G. B. Moorhead, Lynchburg, Tenn., breeder of Buff Orpington ducks, Buff Orpington chickens, also S. C. W. Leghorns. If you are in the market for stock or eggs read his ad.

John Landis, Edinburg, Ind., the popular breeder of Crystal White Rocks, reports a good win at Indianapolis last month. On six entries he won 1st, 2d cock; 1st, 3d cockerel; 1st 3d pullet. This is an excellent win. This makes the sixteenth year Mr. Landis has exhibited at this particular show, and this fact alone shows that he has some fine blooded fowls. Read his ad in this issue.

Mrs. J. C. Deaton, Landis, N. C., breeder of Rhode Island Reds, sends

## Buff ORPINGTON DUX

America's best. Won 1st young drake, 1st old drake, 1st young duck and 1st old drake, and special for best drake at Indianapolis, 1912. This was the greatest Buff Orpington Duck Show ever held in America. Chicago, Dec., 1912, 1st drake, 2nd duck. Send stamp for fine illustrated catalogue. Eggs, \$3.00 and \$5.00 per 12.

**B. O. SWAIM -- Route 1 -- ZIONSVILLE, IND.**

Poultry Judge; Secretary Buff Orpington Duck Club.

## LANDIS CRYSTAL WHITE ROCKS

Are at their old tricks. At the Indianapolis, Ind., Fanciers' Show, Jan. 11 to 17, on six entries won 1st and 2nd cock; 1st and 3d cockerel; 1st and 3d pullet, and when it comes to the laying quality, there isn't any better, as well as show birds. Don't put money in fine catalogues. I give it to customers. None better. Can please you in Cocks, Hens, Cockerels or Pullets, and selected breeders; eggs from fine matings at \$8.00 per 15. Quality is what counts. 20 years a breeder. Order from this ad.

**JOHN LANDIS -- -- -- EDINBURG, INDIANA**



## Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator

The Cyphers who is "The Recognized Authority" on Artificial Hatching. The Cyphers who made Commercial Hatching Possible.

The Cyphers who discovered the Cyphers Principle.

The Cyphers whose Incubators Circle the World.

The Cyphers who will sell you his latest creation, the "Buffalo" at half the Standard Price.

**Let Me Save You 50%** My new Incubator, the Buffalo, fulfills the life-long demand of thousands of poultrymen. It offers all the quality of the best high priced incubators, at just half the price of any other incubator containing the *Cyphers Principle*.

### Sterling Principles Maintained

Every vital principle that made my Original Cyphers a World Success is embodied in the Buffalo. The same three-compartment heater; the diffusive ventilation; and the sensitive and accurate regulator, combined with heavy insulation, and durable construction with refinements not included in the original.

Buffalo Incubators insure you big hatches of strong chicks that live and are easily raised to

make money for you.

I offer you an Incubator that is second to none in *Durability, Reliability, or Quality*. You can't get an incubator as good, no matter how much you pay. Nearly any incubator will hatch some chickens. The biggest profits are made by operating the **Buffalo**, which will hatch a strong and vigorous chicken from every hatchable egg.

### Note My Low Prices

Offer No. 0—50 to 60 Egg Size—Ship. Wt. 65 lbs. \$10.50 | Offer No. 2—220 to 240 Egg Size—Ship. Wt. 130 lbs. \$19.00  
Offer No. 1—110 to 120 Egg Size—Ship. Wt. 90 lbs. \$14.50 | Offer No. 3—340 to 360 Egg Size—Ship. Wt. 160 lbs. \$24.00

*My Brooder Prices are Equally Low*

## The New Big 4—1440 Egg Capacity Incubator \$84.00

An Incubator—not a hatcher—occupies same floor space as any standard 360 egg machine. Incubating section run in conjunction with your present hatcher will increase its capacity by 1080 eggs.

Incubating section alone, 1080 egg capacity, operated with one lamp, costs but \$60.00.

**Something New in Hovers**

**Buffalo Handy Hover**

**\$8.00**

**Buffalo Home Hover**

**\$7.00**

The Buffalo "Handy" is a floor level hover—sanitary—perfectly ventilated—heats easily—uses little oil—flame can be seen without stooping. Send postal for fuller description, or better, send along your order before we are over-sold.

**Chas. A. Cyphers, President BUFFALO INCUBATOR CO., Buffalo, N. Y.**  
476 Dewitt Street

us a list of her winnings as follows: Charlotte, N. C.—1st cock; 1st cockerel, 1st pullet, (three entered). Shelby, N. C.—1st cock, 1st, 2d, 4th, 5th cockerel; 1st, 2d, 3d, 4th pullet; 1st hen; 1st pen; State Club cup for best display, (ten entered). Club ribbons on shape and color. Lynchburg, Va.—1st, 4th cockerel; 4th pullet (4 entered). Spartanburg, S. C.—1st, 3d cockerel; 1st, 2d pullet, (4 entered). Raleigh State Fair, 1st pullet. Winston-Salem, N. C.—1st cock; 1st, 3d pullet; 2d cockerel.

In this issue you will find the ad of Mrs. J. S. Dumaresq, Easton, Md. Mrs. Dumaresq raises the Sicilian Buttercups exclusively. At the Baltimore show recently, she won first

cockerel, and at the Rochester show all her customers won on their entries. Read the article in this issue headed "Sicilian Buttercups." This article is from the pen of Mrs. Dumaresq, and will be of interest to poultrymen generally.

We wish to call attention to the advertisement, which you will find in this issue of B. O. Swaim, Zionsville, Ind. Mr. Swaim was one of the first in America to begin breeding Buff Orpington Ducks, and he has won more prizes on his ducks at Chicago and Indianapolis than all others. He has furnished prize winners for the largest shows in the United States. Mr. Swaim is also a poultry judge, and assisted in placing the awards at the Great S. I. P. A., Atlanta, last December. He judged the waterfowls at Indianapolis the first of this month.

### 100 EGGS IN 112 DAYS.

Editor *Industrious Hen*:

I have a hen that last year began to lay on December 11th and up to April 1st—just 112 days—she gave exactly 100 eggs. This was during the extremely cold weather last winter. You will recall we had the longest continued severe cold the East had experienced in 50 years. Isn't this a world's record for winter laying? It is, indeed, great laying for any season. I would like to hear from others as to such a record. She is a "Bred to Lay" White Wyandotte with over



# MONMOUTH QUALITY

AT THE GREAT S. I. P. A., ATLANTA, GEORGIA, SHOW, DECEMBER 16th to 21st, WAS KEENLY  
DEMONSTRATED BY THE SWEEPING VICTORY OF

## MONMOUTH S. C. BUFF AND WHITE LEGHORNS

IN WHITES, won 1st, 2nd, 3rd cock; 1st, 2nd, 5th hen; 2nd, 3rd, 4th, 5th cockerel; 1st, 2nd pen; and CHAMPION AND SWEEPSTAKES COCK OF THE SHOW. In BUFFS, won 2nd, 3rd, 4th, 5th cock; 1st, 2nd, 4th, 5th hen; 2nd, 3rd and 5th cockerel; 1st, 3rd, 4th and 5th pullet; 2nd and 3rd pen. Also two silver loving cups and many Specials. These winnings were made in competition with the Cream of the Southern States and the result speaks for itself. A grand lot of exhibition and utility birds in both varieties on hand. We are now booking egg orders and you cannot afford to wait, so write us at once, stating your wants. Our matings this season are superb. Our 1913 Catalog and Mating List will be ready for mailing about February 1st.

NOTE—Send 25 cents for a reproduction in colors of Schilling's wonderful oil painting of the greatest trio of S. C. Buff Leghorns ever bred. A masterpiece worth having.

J. C. PUNDERFORD, Owner

THOMAS LOCKWOOD, Supt.

## MONMOUTH FARMS

FRENEAU, Monmouth County, NEW JERSEY

### More Money from Poultry

NOW is the time to get in the money-making poultry business with one of my Successful Incubators—only \$6.75 up. With the "Successful" no experiments or trial hatches are necessary—you can be sure of success every time.

#### SUCCESSFUL INCUBATORS

(Life Producers)

#### SUCCESSFUL BROODERS

(Life Preservers)

give most chicks—raise more chicks—and are guaranteed with the strongest guarantee ever put behind any machine on the market. Don't buy an incubator that guarantees less than I do. Send your name now for catalog, low price proposition, guarantee, and Free Lessons in Poultry Raising that insure success.

DES MOINES INCUBATOR CO.

364 Second St., Des Moines, Ia.

NOTE—Book "How to Raise 48 out of 50 Chicks", 10c—Catalog is FREE. Get it.



\$6.75 and up

## Silver WYANDOTTES

The Beauty and Utility Breed.

## STOCK ALL SOLD

My birds are among the best in the South. I have a limited number of eggs for sale at \$3.00 per setting. Two settings for \$5.00.

W. M. HARRIS

Johnson City

Tennessee

## "XX" EGGS

are the fertile eggs. Testimonials stating 100 per cent hatches from such eggs. 10 solid pages of testimonials!! You can pick them all out BEFORE you incubate. Our free circular tells the whole story. Tester, with best instructions for incubation, \$2.00. 30,000 in use. Sent by registered mail. If not satisfied by March 1, 1914, money refunded.

MAGIC EGG TESTER WORKS, Dept. G.

Bridgeburg, Can.

Buffalo, N. Y.

twelve years of trap nesting back of her.—Sidney Johnson, Boynton, Va.

The Buschmann-Pierce Red Farms, Box 60, Carmel, Ind., have the greatest matings of Reds this year ever put together. Their pens are headed by winners at Chicago, New York, Indianapolis, Great Illinois State Fair, Nashville, Memphis, Atlanta, and other large shows, all birds winning during the last two show seasons. They are guaranteeing the fertility of their eggs, and the quality of chicks hatched from them. Their beautiful catalogue of sixty-four pages and over will be sent for 20 cents in stamps or cash. Their mating list is free and can be had by addressing Buschmann-Pierce Red Farms, Box 60, Carmel, Indiana,

Hermitage Farm's White Runners again scored a great victory Christmas week at the great Armory show, Louisville, Ky. They won on nine entries: 1st and 3d old duck; 1st and 3d old drake; 3d young drake; 2d and 4th young duck; 1st and 3d breeding pens; also silver cup for best display of Runners, all varieties competing. They won at the National Fanciers' show, Indianapolis, Ind., Jan. 11 to 17, on eight entries: 1st and 2d old drake; 1st and 2d old duck; 1st and 3d young drake; 1st and 5th young duck. They have shown at more large shows and won more firsts and specials than any White Runner breeder in the United States.

T. E. Newton, proprietor of the Bernice Poultry Block, Bernice, La., breeder of S. C. Black Orpingtons, exclusively, calls our attention to an error in reporting his winnings at Shreveport, La., and Mr. Newton informs us that he won 1st and 2d hen in that show. He informs us that he has one hen that has been in the show ring seven times and has won seven blue ribbons and five specials. This is an exceptionally good winning. See ad elsewhere in this issue of Bernice Poultry Block.

Bacon & Haywood, Guyton, Ga., were awarded the chief prize at the Jacksonville, Fla., show, held last

month. The prize was offered for the best bird in the show, and was won by this firm's eight-months' old S. C. White Leghorn pullet, "Flora"; so named because her first honors were won in a Florida show. Besides breeding White Leghorns, this enterprising firm breeds White Rocks and Buff Orpingtons. Read their ad on back cover page

Creasy & Denver, proprietors of Maple Hill Poultry Yards, Lexington, Tenn., have just issued a well illustrated catalogue and mating list, in which the White, Black and Buff varieties of Orpingtons are briefly described. Read their ad on another page.

We are in receipt of catalogue and mating list of Hunt's Poultry Farm, Valdosta, Ga. The book is one of the classiest poultry catalogues we have received. Besides describing Mr. Hunt's prize-winning White Leghorns, the book contains much valuable information for poultrymen, and every Southern breeder should have a copy. Send 10c to J. C. Hunt, Valdosta, Ga., and a copy will be mailed to your address. This enterprising breeder entered some of his birds at Jacksonville, Fla., last month and won 1st prize on cocks and cockerels and third prize on pullets. Read Mr. Hunt's display ad elsewhere in The Hen.

Jefferson Poultry Farm, Albany, Ga., made a clean sweep at Southern International Poultry Show, Atlanta, Ga., Dec. 16 to 21, 1912. Their winnings were first cock, third hen, fourth pullet, and third pen, which was more prize winning than was won by any other competitor. It will be of interest to fanciers of White Runner Ducks to know that they own the greatest winners in the South. At recent Atlanta show their first Madison Square Garden cockerel won first cock. They claim this the greatest White Runner in the world.

L. H. Reade, of Richmond, Va., the originator and breeder of the "Blue-Bar" Barred Plymouth Rocks, made the most notable win of the season at Richmond last month. He won the



# Briarcliff Farm Wins at Madison Square

In competition with hundreds of birds, the very finest specimens from the pens of the greatest chicken fanciers in America, England and Europe, the BRIARCLIFF ORPINGTONS scored a signal victory at the Madison Square Garden show held in New York, December 31st, to January 5th, 1913. :- :- :- :-

## Awards

The following awards were won by the BRIARCLIFF FARM entries:

**Buff Orpingtons**:—1st and 5th Hen; 3rd Cock; 2nd and 4th Cockerel; 2nd Pullet.

**White Orpingtons**:—1st Cock; 1st Cockerel.

**Black Orpingtons**:—5th Cock; 3rd Hen; 5th Yard.

**Diamond Jubilee Orpingtons**:—1st Pullet.

## Eggs and Stock

Eggs, single birds, duos, trios and pens from these blue ribbon strains are now being purchased by wise fanciers throughout the country. If YOU wish success write at once for prices and complete particulars. All shipments guaranteed as to safe arrival and fertility of eggs.

**Briarcliff Farm,** *ASA G. CANDLER, Jr.*  
222 Candler Building *Proprietor*  
Atlanta, Georgia



# STONESTREET'S White ORPINGTONS and PARTRIDGE PLYMOUTH ROCKS



My Birds are up to date and are now in my yard and customers reap the benefits of my years of successful work. At Nashville, Paducah, Shreveport, and Columbus, Ga., in strong competition, open to the world, my birds captured ninety-nine prizes, including 21 firsts, 23 specials and 10 Silver Cups. Eggs from these champion birds are to be had at \$10, \$15 and \$20 per setting of fifteen. Unfertilized eggs returned within ten days replaced without charge. I pay all express charges. Good utility stock always on hand.

**MRS. REGINALD STONESTREET**

**Nashville, Tennessee**

Reference—First Savings Bank & Trust Co., Nashville, Tenn.

gold special for best display, sweepstakes ribbon, silver trophy cup for best display of Barred Rocks, silver cup for best display in American Class; A. P. A. medal for best cockerel; special for best colored male, and that most coveted of all prizes, the A. P. A. Grand Prize Gold Medal for best cockerel in the show. Mr. Reade has just issued a handsome catalogue which prospective buyers of Barred Rocks should write for before placing their orders. See his ad elsewhere in this issue.

**Patton's White Runners Sweep Things at New York.**

Following his great winning at Atlanta, Dec. 16-21, 1912, J. C. Patton, of Charlotte, N. C., reports a great

sweep on pure White Runners at recent Madison Square Garden show. Six single entries he won six prizes as follows; first and fourth young drake; first and third young duck; third old drake and third old duck. These were more prizes than were won by any other exhibitor. Classes were well filled this year, whereas last year there were only four birds in the single classes, which shows the growing popularity of the White Runners.

List of recent winnings made by M. B. Hickson's Barred Rocks. At Richmond State Fair, entered 1 pen and 2 pullets, won 1st pen, 1st and 4th pullets. At Charlottesville, Va., entered 10 birds, and won 3rd cockerel, 1st and 3rd hens, 1st and 2nd pullets, 1st pen; every bird placed,

**SOMETHING TO CROW ABOUT**

**"HEN-E-TA"**

About 30% Tri-Calcium Phosphate  
Popularly Called **BONE ASH**

**NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED**

**NO MORE BONE CUTTERS NEEDED**  
**NO MORE BEEF-SCRAPS NEEDED**  
**NO MORE CHARCOAL NEEDED**  
**NO MORE OYSTER-SHELLS NEEDED**

**100 lbs. - \$2.25**  
**500 lbs. - 9.00**

**Balanced Ration Formulas Free**

If you will give us your dealers name and address.

**HEN-E-TA BONE CO.**  
NEWARK, N.J. DEPT. 8 FLEMINGTON, W.VA.

and more first than all competitors combined. This in class of 72 birds.

At Lynchburg, Va., Dec. 10-13, 1912, the State meeting of the Barred Rock Club, 130 birds in line, won 2nd and 6th cocks, 1st, 4th and 5th hens, 1st cockerel; 3rd and 5th pullets, 2nd and 3rd pens; silver cup offered by Barred Rock Club for best cock, hen, cockerel and pullet; special for best colored male; special for best shaped female.

At Charlotte, N. C., Jan. 10th to 14th, 1913, the national meeting of the Barred Rock Club, won 1st and 3rd cocks, 1st, 2nd, 3rd and 5th hens, 1st cockerel, 2nd, 4th and 8th pullets, 2nd pen, 1st cockerel-bred hen, 3rd pullet-bred male; silver trophy cup for best display; special for best colored male; \$100.00 silver cup for the best male in the show.

**MARTIN F. SCHULTES' WHITE ROCKS.**

We wish to call the attention of our readers to the display ad. of Martin F. Schultes, Bartlett, Tenn., the popular breeder of White Plymouth Rocks. Mr. Schultes is a loyal member of the A. P. A., State Secretary and member of Executive Committee, White Plymouth Rock Club, and a director in the Tri-State Poultry Association. In a recent letter to us Mr. Schultes says: "I have a farm of 23 acres devoted exclusively to the production of White Plymouth Rocks, of the highest quality, as my winnings in the South's leading shows will testify. Look up and see who we beat."

"Have sixteen pens mated up for the egg trade and have a few youngsters on the way. Breeding houses are all open front type with grass

## FOGG'S Single Comb WHITE LEGHORNS

ARE BRED FOR

**Heavy Laying and Exhibition**

Get our prices on breeders and young birds. We can please you. Our breeders this season are the finest lot we ever owned. Write us early about baby chicks and eggs for hatching. Our baby chicks are the kind that live and eggs for hatching will produce that kind. Send for Booklet and mating list now.

**N. V. FOGG Box A MT. STERLING, KY.**

## SINGLE COMB RHODE ISLAND REDS

My mating for 1913 will consist of birds from First, Second, Fourth and Fifth pens Oct.-Nov., 1912, Georgia Poultry Association, Atlanta, Ga., and Third Pen Southern International, Dec. 16-21st, 1912, Atlanta, Ga., also pens headed by second cock and second cockerel. Eggs \$3.00, \$5.00 and \$10.00 per setting. Also stock for sale.

**MRS. A. L. MATTHEWS -- REDAN, GEORGIA**

## Buff Ply. Rocks, 'Giant' Strain Bronze Turkeys, Indian Runner Ducks

Quality backed by years of careful breeding. Our birds are winners in our hands and customers at Louisville, Cincinnati, Chicago, Boston, Indianapolis and Atlanta. If you wish quality, combined with honorable treatment, we can fill your orders and at prices most reasonable. Stock in either variety mated, no kin, and in any number. Write for prices, etc.

**J. C. CLIPP -- Box 700, Saltillo, Indiana**

## GABHART'S WHITE LEGHORNS

Have been line bred 10 years for fancy points; they also won 3rd place in the International Egg-Laying Contest at Frankfurt. They have won in 9 of the very best shows for me and my customers. A few cockerels, \$2.00 each. Single birds, trios and pens. Eggs, \$1.50 to \$3.00 per 15; \$5.00 to \$16.00 per 100. Mating list free. W. E. GABHART, Box M., BOHON, KENTUCKY



SPECIAL  
Combination  
OFFER


Industrious Hen  
and any other paper in this list  
for only

75 Cents  
or any other two papers in this  
list for only  
\$1.00

We offer you your own selection  
from the 17 Largest and Best  
Exclusive Poultry Magazines in  
the World, and covering every  
particular section of the United  
States.  
Money saved is money earned.  
We can send you The Industrious  
Hen and any four for \$1.70, any  
six for \$2.30.

- American Poultry Journal  
Illinois
- Add 40 cents when American Poultry  
Journal is included.
- American Poultry World  
New York
- American Poultry Advocate  
New York
- Michigan Poultry Breeder  
Michigan
- Poultry Culture  
Kansas
- Poultry Fancier  
Pennsylvania
- Poultry Herald  
Minnesota
- Poultry Item  
Pennsylvania
- Poultry Keeper  
Illinois
- Poultry Success  
Ohio
- Reliable Poultry Journal  
Illinois
- Southern Poultry Magazine  
Tennessee
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Illinois
- Southern Poultry Journal  
Texas
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Indiana
- Western Poultry Journal  
Iowa
- Farm Poultry  
Massachusetts

Remit by Express, P. O. Money  
Order, Bank Draft, Registered  
Letter or Two Cent Stamps to  
**The INDUSTRIOUS HEN**  
Knoxville, Tennessee

**200 EGG INCUBATOR, \$3.00**  
 No freight to pay. Actual hen controls everything. No lamps, no expense, no costly mistakes. Over 550,000 sold. Thousands of testimonials. Agents wanted. Free Catalog with Special Introductory Offer.  
**Natural Hen Incubator Co., Sta. H, Dept. A1 Los Angeles, Cal.**

runs to each pen of 50 x 150 and yet I do not have over seven females in any pen, thus insuring the utmost attainable in fertility and vitality. Young stock all raised in portable colony houses with unlimited range on clover fields.

"Have been breeding White Rocks for over twelve years, and while my list of customers is a large one, my policy of guarantee to please you has never left me with a dissatisfied customer.

"At the National meeting of the White Plymouth Rock Club I won, among other prizes, best shape on females and also had the honor of beating the 1st Chicago cockerel of last year as well as the famous Detroit Champion which won as best male in the show at Detroit, 1912."

The following is a list of Mr. Schultes's winnings at the Tri-State Fair, Memphis, Tenn., 1912: 1st, 2nd and 4th pens; 2nd cock (only one entry); 3rd and 4th hens; 1st and 2nd cockerels; 1st, 2nd, 3rd and 5th pullets. Little Rock, Ark., Nov. 25 to 30, 1912: 1st cock, 2nd hen, 2nd cockerel, 1st pullet, 1st and 2nd pens, A. P. A. medal for best cockerel; cup for highest scoring White Rocks; cup for best males and females; cup for best display. All cash and club specials. Atlanta, Ga., Dec. 16 to 21, 1912: 1st and 2nd pens; 1st cock, 2nd hen, 2nd and 3rd cockerel; 1st, 2nd and 3rd pullets; best pullet in show, all breeds and varieties competing.

**WHY THE AMERICAN CAMPINE BREEDERS DID NOT ACCEPT THE BELGIAN TYPE.**


By M. R. Jacobus, Ridgefield, N. J.



At the present day, there are appearing in the foreign poultry papers, as well as the poultry press of this country, many article on the Campines.

In articles that refer to the type of the breed, some writers advocate the English type while other writers advocate the Belgian type.


From the statements in some of these articles, it is very evident that the Belgian breeders are very much disappointed because the Belgian type of Campines has not been accepted, not only by the English Campine Club, but also by the American Campine Club.

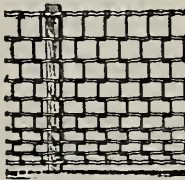
One Belgian writer has gone so far as to practically accuse the English Campine Club or its members of having taken steps to have the English Standard admitted into America. This statement I feel is not only very un-

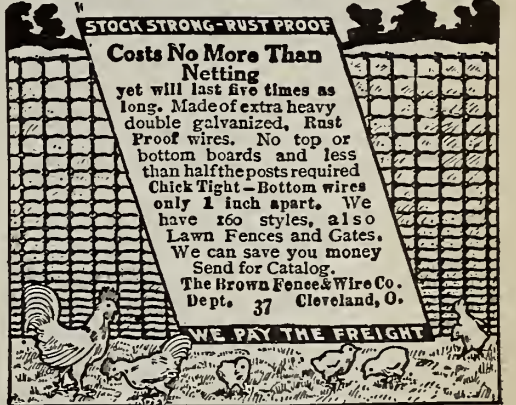
**Greider's Fine Catalogue**  
 and calendar of fine, pure-bred poultry for 1913. This book contains many pages of poultry facts, 70 different varieties, some shown in natural colors, all illustrated and described. Tells how to make hens lay, raise and care for them, all about the Famous Greider Incubators and Brooders. Shows photo of the largest poultry farm in Penn. Prices of breeding stock and eggs for hatching, and supplies within reach of all. A perfect guide to all poultry raisers. Send 10c for this noted book on poultry.  
**B. H. GREIDER, Box 101, Rheems, Pa.**

**Poultry Profits Doubled**  
 I bring 30¢ per lb.  
 I bring only 15¢ per lb.  
**CAPONS**  
bring the largest profits — 100% more than other poultry. Caponizing is easy and soon learned. Capons sell for 30c. a pound, while ordinary poultry brings only 15c. a pound. Progressive poultrymen know these things and use  
**PILLING CAPONIZING SETS**  
Sent postpaid, \$2.50 per set with "Easy-to-use" instructions.  
We also make P. ultry Marker, 25c. Gape Worm Extractor, 25c. French Killing Knife, 50c. Booklet, "Guide for Caponizing," FREE.  
**G. P. PILLING & SON CO., 23d & Arch Sts., Philadelphia, Pa.**

**Crown Bone Cutter**  
 FEED your hens cut green bone and get more eggs. With a Crown Bone Cutter you can cut up all scrap bones easily and quickly, and without any trouble, and have cut bone fresh every day for your poultry. Send at once for free catalogue.  
**WILSON BROS., Box 816, Easton, Pa.**  
**Best Made. Lowest in Price**

**POULTRY FENCE**  
 22 1/2 Cents a rod for 48-inch fence. Fewer posts and no base board or top rail required. Buy from the factory direct. Other styles of Poultry, Farm and Lawn Fencing. Large Catalog Free. Write today  
**Box 253 Kitzelman Bros, Muncie, Ind.**

**FARM FENCE**  
 11 1/2 cts. a rod for a 26 in. high fence; 17 1/4 c. a rod for 47 inch high stock fence. 28 1/2 c a rod for a 60-inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barbed wire, 80 rod spool, \$1.55. Catalog free.  
**INTERLOCKING FENCE CO. BOX 36 MORTON, ILLINOIS**

**BROWN POULTRY FENCE**  
 STOCK STRONG-RUST PROOF  
Costs No More Than Netting yet will last five times as long. Made of extra heavy double galvanized, Rust Proof wires. No top or bottom boards and less than half the posts required. Chick Tight - Bottom wires only 1 inch apart. We have 260 styles, also Lawn Fences and Gates. We can save you money. Send for Catalog.  
**The Brown Fence & Wire Co. Dept. 37 Cleveland, O.**  
**WE PAY THE FREIGHT**

**Buy Diamond Egg Carriers**  
 It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carrier. Order today. Sample 25c. 15-egg size, dozen, \$1.50; hundred, \$11.00, **DIAMOND EGG BOX CO., 1104 New York Life Bldg., Minneapolis, Minn.**



When heat is high moisture runs low in the

## Mandy Lee

The incubator that regulates moisture as accurately as it does heat, and uses both in right proportions with fresh air. You cannot go wrong. The Mandy Lee measures and regulates automatically. It is the greatest of all hatchers, because it is the one incubator that obeys this all-important rule of incubation. Sizes up to 600-egg machine. Send for catalogue.

**USE GERMOZONE** To make and keep your fowls healthy. Standard remedy for **Roup, Cholera, Colds, Canker, Chicken Pox, Bowel Trouble.** Supply in drinking water twice a week. **Price 50c.**

**LEE'S EGG MAKER** is rich in egg-making materials and promotes rapid chick growth. 100% blood meal and linseed, salts, spices, etc. Contents sworn to under Pure Food Law. **Prices 25c, 50c, \$2.00.** 100 lbs., \$7.00.

**LEE'S LICE KILLER** painted or sprayed on roosts destroys all vermin. It kills by fumes, no handling necessary and contact with vermin is not required. Harmless to fowls. **Prices 35c, 60c, \$1.00.**

**WHITE DIARRHOEA REMEDY** cures this dread disease. Only a few doses required. **50c Bottles,** with directions for stamping out the disease.

*Lee's Poultry Remedies are sold by all leading dealers. Call for them. Write direct for valuable free books on Incubators and Lee's Poultry Supplies.*

**GEO. H. LEE COMPANY**  
1113 Harney Street, Omaha, Neb.

**Lee**  
**Poultry**  
**Supplies**

## Single Comb RHODE ISLAND REDS

**PURE ARISTOCRATS.** The richest colored strain of Reds in the World. Aristocrats swept Chicago. Send for catalogue showing photos of some of the best Reds in the world. Eggs \$3.00 and \$5.00 per 15. \$15.00 and \$20.00 per 100. Fine cocks and cockerels for sale cheap.

**WARNER LEWIS, Red Specialist -:- COMO, TEXAS**

## Show Birds---Breeder's

If you are looking for fine stock in S. C. White and Brown Leghorns, White Wyandottes, Barred Rocks, S. C. Black Minorcas, Light Brahma, Cornish, S. C. Rhode Island Reds, White Cochins, Bantams, Mammoth Pekin and Indian Runner Ducks, then write us. Our prices are reasonable, quality considered. Breeders for the past 19 years.

**NEVIN POULTRY YARDS, Wardin Bros., R. 7, Charlotte, N. C.**

fair to the English Campine Club and its members but also to the American Campine Club and its members.

Being the first American breeder to import the English type of Campines, I feel if the English had taken any steps or attempted to use any influence to have the English type accepted in America in preference to the Belgian type, I would have known of it. I must say that I cannot recall any efforts on the part of any English breeders or breeder to induce me to accept or to have me use my influence to have the English Standard accepted in America in preference to the Belgian type of birds.

In addition to this, I wish also to say, that during my connection with the American Campine Club as Secretary, I have never known of any effort on the part of the English Campine Club or its members to have the English Standard adopted by the American Campine Club.

As stated above, I feel that the statement that, "The English had taken steps to have their Standard admitted in America," is unfair to the American Campine Club and its members as well as to the members of

the English Campine Club. I view such a statement as being equivalent to saying that by efforts on the part of the English breeders, the American Campine Club would have adopted the English Standard even if the birds of this type had not been much better fitted for the conditions of this country than the birds of the Belgian type were.

When I first brought the English type of Campines to America there were breeders advertising the Belgian Brackel. If the English used any influence in having the English type of Campines accepted in America, their influence was used by the fine type of birds they originally sent to this country. In making their original type of Campines, it was very evident that the English used a great deal of care, not only in the selection and production of good marked birds, but also in the selection and production of birds that laid large, white eggs, which were far superior to any eggs that I have been able to secure from the Belgian birds.

Some eighteen or twenty years or more ago, Belgian Campines were sent to this country and exhibited at

**WHITEWASHING**  
and disinfecting with the new  
**"Kant-Klog" Sprayer**  
gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free.  
**Rochester Spray Pump Co.,**  
206 Broadway, Rochester, N. Y.



Madison Square Garden, New York City. Shortly after this, they were admitted to the Standard of Perfection. This Standard calling for what was practically the Belgian type.

As such a type did not appeal to the American fanciers and breeders they shortly discontinued their breeding and then the Campines, which were in reality the Belgian type Campines, were dropped from the Standard of Perfection.

The Belgian Campines which were exhibited at Madison Square Garden some eighteen or twenty years or more ago did not appeal to me, so of course I did not take them up. If all the Campines that came to this country had been of the Belgian type, I never would have made any effort to introduce them into this country even at the present day.

When I imported my first pair of English type Silver Campines from England, I had no idea of taking them up as a breed. I simply wanted this pair for cross breeding purposes. When I received this first pair I was very much surprised to find that they were much more handsome than the Belgian birds, which I had seen exhibited years before. Seeing at once the big difference from the Belgian type of Campines which had been sent to this country years previous and discarded by American breeders, I at once saw that they could be bred from a single mating and that by careful selection still more handsome birds could be produced.

While the markings and the fact that they could be bred from a single mating was attractive, I am ready to admit that it was the very large white eggs that this hen laid that impressed me most of all. I at once sent back to England for more Campines, as I saw there was a big future for this breed if properly handled.

After first exhibiting the English type of Campines in America, I found that I was not creating a demand as fast as this worthy breed deserved. Knowing that the English type of Campines was the proper type for this country and knowing that it deserved to be extensively introduced throughout this country, I decided that in simply exhibiting these birds I was not doing half my duty to this type of birds. Knowing that their eggs were far superior to any heavy laying breeds, I decided to exhibit the eggs laid by this original type of English Campines, as well as exhibiting the birds.

After making such exhibits of eggs the fanciers and breeders began to take great interest in the Campines.

**BEST FOR LAYERS** **BEST FOR TABLE**  
**RAINBOW**  
**PARTRIDGE ROCKS**  
THE ROCKWOOD FARM, BOX T NORWALK, OHIO.



# ANCONAS AND WHITE MINORCAS

Our breeding pens are now mated with the best ANCONAS we have ever owned. Our WHITE MINORCAS are bred direct from birds that have never known defeat in the show room. Stock, eggs and baby chicks for sale. Write for 1913 catalogue and read what our customers say about our birds. We know we can please you.

**DISMUKES & ARRINGTON** Dept. H Castalian Springs, Tenn.



**No More LICE!**

No sir, no more lice and we mean it. The lice problem won't worry you if you will do as the leading successful poultrymen have done for 30 years. Stop experimenting—get

**The Old Reliable**

**LAMBERT'S** Death To Lice

(2) and your lice troubles will be no more. Safe, sure, quick, easy to apply. Will not injure hens, eggs, chicks, or soil plumage. Sold in 10c, 25c, 50c and \$1.00 sizes. Send 2c for latest copy of Lambert's "POCKET BOOK OF POINTERS".

**O.K. Stock Food Co., 513 Traders Bldg., Chicago**

The poultry papers paid great compliments to the exhibits of eggs laid by this breed. After this it was not long before there was a great demand for Campines. American breeders then started to import birds from abroad, not only from England but also from Belgium.

If the American breeders who imported the Belgian type of birds had found this type to be the best fitted for America I feel that some breeders of this Belgian type would have made a request of the American Campine Club that the Belgian Standard be adopted by the American Campine Club.

When the permanent organization of the American Campine Club was formed at Madison Square Garden, New York, December 21, 1911, every person present realized that the English Standard best fitted the requirements of this country and for this reason the club decided to use the English Standard as a guide this year, and that the Executive Board draw a new Standard to be presented at the next meeting of the club to be held at the coming Madison Square Garden Show. When the vote was taken to decide if the club use the English Standard as a guide this year, there was not one vote in opposition to doing so.

Long before the meeting when it was decided to use the English Standard this year, some breeders who had imported Belgian birds had already procured males of the English type, which they were crossing with the Belgian females, as they saw that this would be the first step towards improving such Belgian birds.

A few years ago, in fairness to the Belgian type birds, I imported thirty Belgian birds for comparison. Of course before importing these Belgian birds, I really knew what the Belgian birds were, not so much from what I had seen years previous, but from some birds I would raise at times when the English type would divert back to the original Belgian birds.



## 125 Egg Incubator and Brooder<sup>Both</sup> For \$10

Why pay more than our price? If ordered together we send both machines for only \$10.00, and pay freight charges East of Rockies. Hot water, double walls, dead air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery under egg tray. Incubator and Brooder shipped complete with thermometers, lamps, egg-testers—ready to use when you get them. Five year guarantee—30 days trial. Incubators finished in natural colors showing the high grade California Redwood lumber used—not painted to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money—it pays to investigate before you buy. Send for FREE catalog today, or send in your order and save time. Money back if not satisfied. Write us today. Don't delay. [12] **WISCONSIN INCUBATOR CO., Box 57, Racine, Wis.**

As I expected, my English type of birds were far superior to these Belgian birds, and for this reason I have discarded my Belgian type birds, except a few I have reserved to show visitors to my yards the vast difference between the two types.

I also found that the Belgian females as a whole, were not equal in egg qualities to the original English type, to say nothing of the poor markings of the Belgian birds as compared with the English type. After the above test, one can understand why I have advised to kill all males that diverted back to the Belgian type.

From what I have said in this article, I do not wish my readers to feel that it is my opinion that the English type of Campines cannot be improved to make them still very much better for this country.

While I know there are improvements to be made over the English type of Campines to best fit them for conditions in America and that it takes several generations to thoroughly acclimate them in America, I do not wish to be understood to mean that the English have not the best type of Campines for their country, for I feel breeders of Great Britain are aware of the type that best fills their requirements. Further, I wish to say that I do not wish to be understood to believe that the Belgian people have not the best type of birds for Belgium. As these birds have been bred for centuries in Belgium, I feel that the small Belgian Campines of the plains of La Campine must be the best type fitted for that section of Belgium, and I also feel that the larger type, or Braekel, which are found on the more fertile plains of Belgium, must be best fitted for their particular section.

I do not think it would be just to the Belgian people to expect them to adopt a type that is better fitted for some other country than it is for Belgium. I will also say that the Belgian people should not expect the people of any other country to adopt the Belgian type of Campines after some other type has been proven to be much better fitted for that particular country, even if Belgium has types of its own that are best fitted for the conditions of the particular section of Belgium in which they are found.

In addition to saying that I believe that both England and Belgium each

**S. C. WHITE ORPINGTONS**  
KELLERSTRASS

**S. C. RHODE ISLAND REDS**  
RED RAVEN STRAIN

Our winnings at the Birmingham shows for the past two years demonstrate the quality of our stock. Our winners are all home raised; we do not buy our winners. We have to our credit 4 firsts, 4 seconds, 2 thirds, 2 fourths, and 2 fifths. Our big, blocky Orpington Cock, winner of second at our last show, defeated many high priced Eastern birds; he being the only home raised cock winning a place.

Our Orpingtons are the low, blocky, fast growing kind so hard to get, and so much desired.

Our S. C. Reds are the deep, rich red kind with plenty of type. Our famous Red Cock is the winner of three firsts and one second, being defeated only by a cock bird sired by himself.

Some fine stock sired by our winning cock birds at \$10.00 to \$25.00 a trio. Cockerels at \$5.00, \$7.50 and \$10.00.

Pens now mated containing our winners and many other exceptionally good birds.

Eggs \$3.00 per 15. Special Mating \$5.00. Baby Chicks \$3.00 and \$5.00 per dozen.

**ALMA POULTRY FARM**

R. F. D. No. 4, Birmingham, Ala.

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We send free 24 of the best Leg Bands made to every new and renewing subscriber to The Industrious Hen at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps. Mention "Leg Bands" when subscribing under this offer.

**INDUSTRIOUS HEN CO., Knoxville, Tenn.**

have the best type of Campines for their particular countries, I wish to give to the breeders of Belgium my



# HICKSON'S BARRED ROCKS

## WIN THEIR WAY TO FAME

At the final great Barred Rock Show of the season, Charlotte, N. C., the National meeting of the Barred Rock Club, my exhibit of 18 birds created a sensation, winning 1st and 3d cocks, 1st, 2d, 3d and 5th hens, 1st cockerel, 2d, 4th and 8th pullets, 2d pen, 1st cockerel-bred hen, 3d pullet-bred male. Club Silver Trophy Cup for best display. My first cockerel was Champion male, this bird also won the \$100.00 Silver Cup for best male in the entire show, and was the center of attraction during the show.

At Lynchburg, Va., Dec. 10th-13th, 1912, the State meeting of the Club, and the hottest kind of competition, over 130 birds in line, it was the same story, my birds winning Club Cup for best cock, hen, cockerel and pullet, and more points than any 4 competitors combined.

I am now offering you a chance to secure some of this great strain. My breeding pens are much finer than ever before, and I offer eggs from best pens at \$5.00 per 13; \$10.00 per 30.

Twenty years experience. "Not how many, but how good," is my motto. Write me early, as the supply is limited.

**M. B. HICKSON**

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**R. F. D. No. 1**

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**LYNCHBURG, VA.**

thanks and the credit due them for preserving this breed for centuries and offering it to the world to be improved in such ways as will best fulfill the requirements of the country adopting this breed.

To the breeders of England belongs the credit of improving the Belgian birds to meet the requirements of their country. By taking the large Braekel and the small active Campine as they found them in Belgium, and by careful selection and breeding, and possibly by the infusion of other blood, they produced the original English type of Campines.

As England originally had a type of Campines that was better fitted for America than the Belgian type, the demand for birds from England has been very heavy, not only for large numbers of breeders, but also for fine marked birds. In their efforts to meet this demand, the English must be very careful and send to this country only such birds as have all the good qualities that were contained in the original type of English Campines. They must be careful and not sacrifice the egg qualities as contained in their original type of birds even if they do not meet the demand for large numbers of breeders or if they do not send as handsomely marked birds as some exhibitors desire.

What breeders of America want, are birds that cannot be surpassed by any as egg producers. After this, they want a strain that can be easily bred and look as handsome as possible, provided the egg qualities and stamina are not sacrificed for fine markings.

### The Poultry House

There are as many plans and designs in poultry house construction as human imagination can devise. It does not matter much about the shape of the house just so its construction is along sanitary lines.

Of course it must provide for sunlight and ventilation. If the house consist of only a single room, the best ventilator undoubtedly is the muslin front. And that will also admit plenty of light providing all the front is practically open. But if the house is divided into two rooms, it is best to use glass in the scratching room and muslin in the roosting place. The glass provides warmth as well as light while the hens are exercising. At night they depend largely upon animal heat for warmth.

As it is absolutely imperative that

**EGGS** You can't lose if you buy eggs of us. We guarantee fertility and the quality of chicks hatched from them **EGGS**

**ROSE  
COMB**

**RHODE ISLAND REDS**

**SINGLE  
COMB**

We have bred our Reds to such a point for quality that we feel that we are head and shoulders above other breeders and are going to guarantee the quality of chickens raised from the eggs sold by us. We are going to see that every man that buys eggs of us this year gets his money's worth.

We know that we have the grandest matings ever put together in **RHODE ISLAND REDS** and know that we can guarantee their offspring. We guarantee the offspring from each pen in proportion to the price paid for the eggs.

**EGGS**—\$5, \$10, \$15, \$20 and \$30 per 15, according to the pens they are from. Every pen of Rose Comb headed by a prize winner and nearly all of the Single Comb pens headed by prize winners, and from stock that is Line-Bred. High-class utility eggs at \$3.00 per 15, \$15.00 per 100. We do not guarantee the quality of stock from these.

**CHICAGO, INDIANAPOLIS AND NEW YORK WINNERS**, head many of the pens. Also Springfield, Ill., the greatest Fall Fair on earth; Nashville, Tenn.; Memphis, Tenn.; Atlanta, Ga.; Augusta Ga., and other big shows.

Besides our winnings we have sold birds that have won, from the Atlantic to the Pacific this season—from Canada to the Gulf and in the strongest competition. In placing your order, always remember there is one best place to get anything you desire to buy. We have our pens mated for the egg trade. Book your orders for eggs from the greatest matings ever put together for this breed.

**OUR BEAUTIFUL CATALOG** of 64 pages and cover, contains many articles on raising and caring for poultry in large and small flocks. It will also tell you why the **RHODE ISLAND RED** is the best breed in the world. This catalog has cost us a great deal to prepare and is too costly to send out promiscuously. We will send this postpaid for 20c in cash or stamps. Address all mail to

**BUSCHMANN-PIERCE RED FARM, W. C. PIERCE, Gen'l Mgr., B. 60, CARMEL, IND.**

## Mottled Anconas

Again our Anconas win at the leading Southern poultry shows. Send your orders early for baby chicks and eggs for hatching.

## Barred Ply. Rocks

The kind that win and lay. None better for beauty and utility.

Send for our 1913 mating list and prices.

**RIVERVIEW POULTRY FARM**

-- **MORRISTOWN, TENNESSEE**

hens be kept from direct draft at all times the house must be built tight on the east and west side also on the north end. The south end should be left as much open as possible, and built high enough to admit sunlight in all parts of the house. The north and south dimensions should always be greater than the east and west. As to the depth of a hen house, that is governed by the height in front. The higher the front the deeper the house. By following the above suggestions no one need to fail in having a healthy house for all seasons and climates.

For the sake of assumed economy many poultrymen build their houses on the extensive plan, believing thereby to save in building material. There is but one safe and sanitary way in the extensive plan, and that is the one divided into separate rooms by solid partitions. All openings should be cut in front of each room the same as in the single house. That means more work in looking after "Biddie" but it pays in the end.

A house on the extensive plan with open partitions admits direct currents of air and is constantly causing trouble.

While the writer has great faith in correct feeding for growth and egg production, yet he does not think for a moment that success along these lines is assured, when correct housing has been overlooked. Even after a house has been sanitariously constructed, it must be sanitariously kept, by constant spraying to destroy disease germs and vermin.

After all it is not so much the breed as it is the feed and the right kind of a house well kept, that the production of eggs depends.—E. W. Good, Richmond, Ind.

"I don't like your heart action," the doctor said, applying the stethoscope again. "You have had some trouble with angina pectoris."

"You're partly right, doctor," said the young man sheepishly; "only that ain't her name."—L. H. Journal.



# WHITE ORPINGTONS

THAT STAY WHITE ARE FOUND IN OUR FLOCK, Southern raised birds too. We have one pen of five hens and a cockerel, the STAY WHITE kind, line breeding, from which we will sell a limited number of eggs at \$15.00 per setting of 15. Eggs from our winners in Atlanta, both shows, Birmingham, Montgomery and Mobile, as follows: Two pens at \$10.00 per setting; two pens at \$5.00 per setting. All line matings. Not more than five females in any pen. We work for QUALITY, not quantity. If you want eggs that will hatch strong, healthy, livable chicks, that will develop into birds with the quality up to your fullest expectations, we can fill your requirements, but must advise you to book orders early as demand is sure to be greater than supply.

## J. F. Hattermer

Fort Deposit ::= ::= Alabama

Member American White Orpington Club. Life Member American Poultry Association.

### THE BREEDING OF BUFF WYANDOTTES.

**T**HE Wyandotte has always appealed to me. Its ideal shape I admire more than in any other variety. The various colors of the Wyandotte allows one to pick out his fancy; although all varieties of Wyandottes have good qualities, I wish to call your attention to the most beautiful of them all: The Buff Wyandotte. It originated about the year 1885 from crosses of Buff Cochins, Silver Laced Wyandotte and other crosses. The Cochins blood in this bird makes it an ideal winter layer.

The Wyandottes, not unlike other birds, has a peculiar shape to itself. It is known as a bird of curves. "Shape makes the bird, and color the variety," no matter what breed you are breeding.

In mating your pens for breeding, see that your bird has a well arched neck, wide, short back; short, well spread tail; a broad, well rounded breast; short, full body, and legs not too long. Try to keep the true Wyandotte shape in your flock as much as possible, as that is the part that makes them ideal for broilers and roasters. Health and vigor are very important, for a specimen that lacks vigor or stamina never should be used in a breeding pen, no matter if he has perfect marking, as you can never breed up a flock with the bird that lacks vigor. Pick out good sized birds, but not larger than the Standard weight and see that the earlobes are bright red, free from white and eyes of a deep bay color and legs and toes yellow, free from flesh or greenish tint. To produce a perfect specimen is the question that confronts all breeders. Whether we will ever produce a specimen that will reach the ideal of the

## SOUTHLAND'S CHAMPION WHITE PLYMOUTH ROCKS

Why experiment with other strains when our birds have demonstrated their superior qualities at the South's largest shows?

- Our breeding pens are mated from the following winners:
- AT TRI-STATE FAIR, MEMPHIS, TENN., SEPTEMBER, 1912: 2d cock; 3d and 4th hen; 1st and 2d cockerels; 1st, 2d, 3d and 5th pullets; 1st, 2d and 4th pens. Special Best Display.
  - AT GREAT SOUTHWESTERN SHOW, LITTLE ROCK, ARK., NOVEMBER, 1912: 1st cock; 2d hen; 2d cockerel; 1st pullet; 1st and 2d pens. A. P. A. Medal for best cockerel. Three cups best display, best males and females, highest scoring fifteen; all cash and club specials.
  - AT SOUTHERN INTERNATIONAL, ATLANTA, GA., DECEMBER, 1912: 1st cock; 2d hen; 2d and 3d cockerel; 1st, 2d and 3d pullets; 1st and 2d pens. Sweepstakes best pullet in entire show, over 700 pullets all breeds and varieties competing. All specials.
  - AT SPRINGFIELD, ILL., NATIONAL MEETING OF WHITE ROCK CLUB: We won, among other prizes, best shaped female. This last grand win in competition with "America's Finest" proves the remarkable quality of our flock.
- Our policy guaranteed to please you.
- MARTIN F. SCHULTES, Box 143 Albashire, BARTLETT, TENNESSEE

Standard is to be seen, but we do not know that the nearer we reach it the more valuable our birds will be.

By mating birds with true Wyandotte shape and selecting Buff Wyandottes of an even shade, as for color, we can all hope to reach the goal we are working for.

In selecting your breeders, pick out your male bird first, as the male bird is fifty per cent of the pen, and select only hens to mate with him that have the same even shade as shown in the breast of the male and this should be as near to the description called for in the Standard as possible. Sometimes you will only be able to find one hen that will have the same shade as the male, but if you mate dark shade with light you cannot expect to get good results. Buff Wyandottes

are breeding much truer today than they were 16 years ago, when I started to breed them.

At the Crystal Palace show last winter in New York, over 200 Buff Wyandottes were shown and a prettier sight you could not ask for. All being an even shade of Buff, they certainly called the attention of all who attended the show.

If you are looking for a beautiful fowl, a great winter layer and one that will meet a ready sale in the market, then don't look any further, but buy Buff Wyandottes, and you will have no reason to regret it.—T. W. Whitney, Blairstown, N. J.

Roosts should all be on the same level, because the birds all want to perch the highest.



# GENUINE IMPORTED RUNNERS .....ALL..... VARIETIES

We are direct importers of the true Indian Runner duck. We have the grandest pair of imported Fawn and White Runners in the United States that we imported direct, 1912. A limited number of eggs from this pen for sale. Your chance to get some of the finest Runners in the world. Won all firsts at the Appalachian Exposition, 1910 and 1911.

20 acres devoted to standard bred S. C. WHITE LEGHORNS and S. C. BUFF ORPINGTONS. Write for FREE CATALOGUE. The finest duck catalogue ever issued.

CLAYTON I. BALLARD

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Box 71

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WHITE PINE, TENNESSEE

## GENUINE WALTON STRAIN ENGLISH INDIAN RUNNER DUCKS

Winners of 1st and 4th cockerel and 2d pullet at Southern International Show, Atlanta, December, 1912. Prolific layers of large WHITE EGGS. Stock and eggs for sale. REST-HAVEN POULTRY FARM, F. O. ALEXANDER, Owner, P. O. Box L. C., College Park, Georgia.



**INDIAN DUCKS**  
The greatest layers on earth; 300 eggs per year. Send 10 cents for beautifully illustrated booklet No. 69 Tells how to raise ducks successfully. **WOMAN'S COLLEGE**, Meridian, Miss.



## FAWN AND WHITE Indian Runner Ducks

The greatest layers on earth. Pure white egg and exhibition strain. Ducklings, stock and eggs for spring shipment. \$2.00 1st pen; \$1.50 2nd pen. Write your wants. **DR. J. M. McWILLIAMS**, Box 461, Fayetteville, Tenn.



## Standard

Fawn and White Indian Runner Ducks, best in the South. **WINNERS** wherever shown. Layers of snow white eggs. Eggs, \$2.00 per dozen **MRS. W. J. SPRIGGS**, Mulberry, Tenn.



## S. C. WHITE LEGHORNS, INDIAN RUNNER DUCKS, RUFUS RED, BELGIAN HARES.

Stock and Eggs for sale at all times. Send 3c in stamps for booklet and catalogue, tells how to make these breeds pay.

**Kling & Hawkins**, Poultry Yards and Rabitry. Box "E"

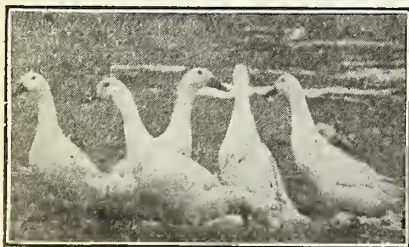
Meridian, Miss.



We beg to announce to the poultry world the purchase of the entire flock of Blue Orpington Ducks of the Sunswick Poultry Farm, together with their ribbons, winnings and good will.

These Blue Ducks are the equal of the Buff Orpington Ducks and when combined with our choice lot of Buffs places us in front ranks as Orpington Duck breeders. We can supply stock and eggs from either, and solicit your correspondence.

**J. H. WENDLER** Roselawn Farm, Lakeland, Fla.



## RHODES' WHITE INDIAN RUNNER DUCKS

ORIGINATOR OF THE RHODES STRAIN

Great layers of large white eggs. Can spare a few choice breeders. Eggs, \$5.00 per 12.

**MRS. A. N. RHODES**

New Castle, Ind.

foundation stock, will soon lift the mortgage and make a happy heart. They mature quickly and then need little attention. They find much of their feed in foraging, which reduces the cost. Of course, in the winter, when things are frozen, green feed must be supplied; this is absolutely necessary if you want eggs. Make them forget it is winter by substitutes and your egg basket will be filled.

Water must always be within reach; a pond is not necessary. A shallow dishpan will do good service for a pen of grown ducks. They must have drinking water at all times; when they eat they take a mouthful and run to the water to wash it down. The variety of feed must not be changed for the English Penciled Runners. When you find a good ration stick to it; a change will sometimes stop their laying. It is wise to measure the feed for each pen carefully, as overfeeding will bring on fat, reducing the egg laying, and underfeeding will make the ducks thin and poor so that they cannot lay.

There is no economy in so-called cheap feeds. The writer once bought cheap oats for hens and soon found this feed no better than chaff. There is no nutriment in such grain and of course no fowl will thrive on it. It pays to get the best; it is generally the cheapest in the end.

Runners cannot be yarded with chickens; the chickens will get the feed and the ducks will starve. The English Penciled stock are very beautiful; their good qualities shine out in their feathers. They are very active, always alert; nothing dull or stupid about them, and their condition soon responds to good treatment.—**Mrs. William J. Turner**, Sharon, Vermont.

## MATE YOUR TURKEYS NOW.

**E**VERY breeder of turkeys should have their turkeys carefully mated by the last of February at least, and as much earlier as possible. Very frequently we select our turkeys as early as October. When the turkeys are growing, you always have one that gives particular evidence of lusty good health and sturdy growth. It soon becomes an object of special interest. You should give it special attention as it matures and finishes up of superior quality. Just catch it up and mark

## SNOWFLAKE WHITE INDIAN RUNNER DUCKS

**MRS. E. E. ESHBACH**

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1402 STURM AVENUE

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INDIANAPOLIS, INDIANA

Winner of First Ribbons at Great 1912 Atlanta Show Prize Winners Always. Heavy Layers of Pure White Eggs. Breeding and Young Stock for Sale



# Imported White Indian Runner Ducks

I have imported from England, direct, a flock of **WHITE RUNNERS**; from the fountain head of the best **INDIAN RUNNER** blood in the world. Eggs from this flock, \$12.00 straight. I have two other yards, containing **WHITE RUNNERS**, the equal of any in America—winners at Hagerstown, Richmond, Atlanta, Birmingham, New Orleans, Columbus, Ga.; Jacksonville. Eggs from these yards, \$8.00 dozen. Eggs from other splendid utility, prize winning birds, \$4.00 dozen. Eggs from **ENGLISH PENCEILED RUNNERS**, also imported direct from Walton, \$2.00 dozen, straight. Circular free.

**W. O. BROWNFIELD**

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**OPELIKA, ALABAMA**

him so that you will make sure you will retain that bird. The writer has one now that has shown marked evidence of superior quality from the very first week of his existence. We marked him early, and now he is a monster in size and fine in plumage.

You cannot begin too early selecting your next season's breeders. When you watch your flock carefully and select the very largest and finest marked specimens from year to year, you can very soon build up your strain so that it will be very fine in marking and of enormous size. At least, you should now make your final selection, and if you have not yet procured your breeding toms, you should not put it off another day. Any number of breeders are sold out now and the chances are you will not be able to get what you want unless you make your selection soon. I like to have our breeders on hand just as early as possible; I find they do much better when mated early.

You can run one male to each ten females where you give them ample range. Some few have the impression that only two or three females can be mated to one tom, but such an idea is wrong. You can raise many more early turkeys if you will breed from several hens; you will find it will pay you much better than to attempt to raise several turkeys from a few hens. When you follow the latter plan, you are obliged to make several hatches, consequently you have poults of various ages, and our experience has been that turkeys of various ages have always proven very unsatisfactory.

Use precaution in feeding your breeders. I am aware that many times we get anxious for our hens to lay more and larger eggs and will feed them heavily to accomplish this feat, consequently the hens become too fat and will produce soft-shelled eggs, or eggs that are low in fertility. Over-fat hens make turkey growing a very unpleasant thing. To have eggs to only half hatch, or in many instances not hatch at all, makes the business very unpleasant, and at the same time a great loss. Feed the hens, and male as well, largely on wheat and oats, meat scraps, etc. Corn should be very sparingly fed to breeding turkeys. We never feed our turkeys heavily on corn, as I find they never are as healthy as when fed on other grains. I like large yearling or two-year-old hens mated to an early young tom of large size; or large early pullets to a yearling or two-year-old tom.

The poults are stronger with this sort of matings than when young, unmatured stock are mated. I never could produce strong, healthy poults from young, unmatured stock, and I doubt if anybody regardless of experience, can produce as strong poults

## SPAIN'S Barred PLYMOUTH ROCKS and MAMMOTH BRONZE TURKEYS

I have the grandest birds that I ever saw, and have won more first prizes than any other exhibitor in the State.

At Lynchburg Poultry Show: 1st pullet-bred cockerel; 1st and 5th pens, and silver cup for best pen in show. Judge Kenner said that it was the strongest class of B. P. Rocks that he had handled this season, and he had just judged Philadelphia Show.

At Tidewater Poultry Show: 3rd cock; 2nd hen; 2nd and 3rd cockerels; 1st pullet; 1st pen; 1st pullet-bred yard; 1st cockerel-bred yard, and special for best display.

My **M. B. TURKEYS** have won every first prize where they have been exhibited, including the Virginia State Fair. I have some grand breeders for sale of both breeds and eggs in season.

**E. C. SPAIN**

Route 2

**CHURCH ROAD, VIRGINIA**

Prize....  
Winning

## Buff ORPINGTON DUCKS

I have the entire stock of **BUFF ORPINGTON DUCKS** of The Copperas Falls Farm, including their first prize winners at Nashville, 1912; Memphis, 1912; Chattanooga, 1912, and Atlanta. I will sell eggs from them at \$3.00 per 12. I also have prize winning **BUFF ORPINGTON** chickens and will sell eggs from pen No. 1, at \$3.00 per 15; No. 2, \$2.00 per 15. **S. C. WHITE LEGHORNS** at \$2.00 per 15. Write for catalogue; it's free.

**G. B. MOORHEAD**

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**LYNCHBURG, TENN.**

## WHITE RUNNERS OF QUALITY

PURE HERMITAGE STRAIN

In starting with this popular variety, I got the best stock and eggs that I could buy, and now have a flock of very choice, pure white, racy birds. I have stock hatched from the Hermitage Farm's prize winning pens. Eggs, \$3.00 per 12 straight. I also have **Brown Leghorn** and **White Orpington** (Kellerstrass strain) chickens. Both noted for their laying qualities. Eggs, \$1.50 per setting; \$2.50 per 30; \$3.75 per 45. Member National White Runner Duck Club.

**MISS F. K. WEISIGER** . . . . . ROUTE 6, PRESCOTT, ARKANSAS.

PURE STANDARD FAWN AND WHITE

## INDIAN RUNNER DUCKS

**EGGS ONLY FOR SALE**—Booking orders for eggs now. Write for mating list. Winning at Armory show Louisville, Kentucky, December, 1912, 4th cock; 2d cockerel; 5th pullet. Indianapolis, Indiana, January, 1913, 2d cock; 2d cockerel; 1st, 2d, 3d pullet, and 1st pen. Cincinnati show, January, 1913, 1st cock; 1st cockerel; 1st, 2d, 3d pullet, and 1st pen.

**JOSEPH BAKER, Route 1, EAGLE STATION, KY.**

## FAWN and WHITE RUNNERS

Pure white egg strain. Eggs, \$2.00 per dozen. Winners at Memphis, Jackson, Miss., New Orleans. **GEORGE A. WILSON, Jr., Greenwood, Miss.**

from young stock as they can from aged parents, in one sex or the other.

We have given up trying to grow or mate our breeders in confinement, but have provided ample range for them and find the eggs are more fertile, larger, and the parent stock not so subject to bowel trouble. You can easily kill your breeders by confining them too closely. It's true you must control them some way or you can never find the eggs. So we built a woven fence around the wood lot and give them this range and I find it is an ideal spot for them. Turkeys prefer timber to any other place on earth to lay their eggs and raise the young. Here they are perfectly contented; in fact it's natural for them. Don't hesitate to mate as many as ten hens to one tom if you like.—J. C. Clipp, Saultillo, Indiana.

A recent census of the agricultural students at the University of Mis-

souri engaged in the short course work shows the following interesting figures: Out of 180 students enrolled in the General Farm Poultry Course, eight States were represented and fifty-eight counties in the State of Missouri. Less than ten of the boys came from the city and, including these in the census, it was found that the average farm poultry flock is about 180 chickens.

—o—  
LOOKING AHEAD.

**T**HE successful business man is all the while looking ahead and laying plans for future business. True, the present needs attention, but the important part of every business is planning and mapping out a line of work for the year ahead. This should be applied in the matter of raising poultry, either on the farm or as a special business. Have you sufficient houses to make your hens all comfortable during the



## World's Best Rhode Island Reds & Imported White Indian Runner Ducks

My 1st Championship Pen of Reds this season is headed by 2nd Madison Square, New York, Cock, Jan., 1910, and contains my 1st Madison Square Pullet, Dec., 1910, valued at \$10,000. Also 1st, 2nd, 3rd, 4th and 5th Madison Square Pullets, Jan., 1910. The greatest pen of Reds ever put together. Write for free catalogue.

SOUTHERN POULTRY FARM, Wade Hampton, Prop.,

ROGERSVILLE, TENN.

**\$3.95**

Incubator and Brooder  
Holds 2 Sitzings of Eggs.

### Chamberlain's Perfect Chick Feed Has No Equal.

The only Original Dry Baby  
Chick Feed.  
No Corn—No Bowel Trouble.



The World's  
Chick Feed  
of to-day.

Incubators  
by Express.

Feed by  
Freight.

Equals  
2  
Hens.

Always Ready to Set.



Made of  
all  
Metal.

Always Ready to Set.

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Incubator and Brooder  
Holds 2 Sitzings of Eggs.

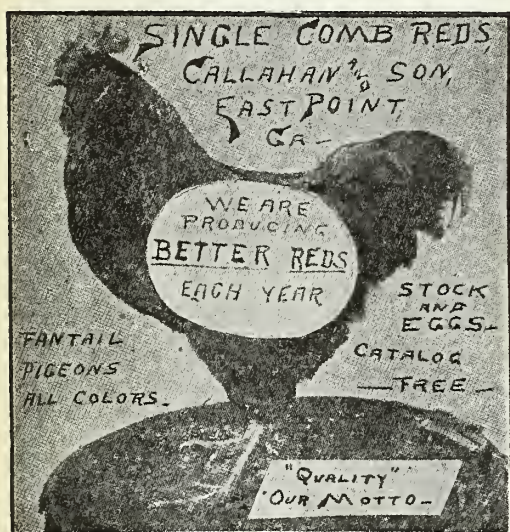
### W. F. CHAMBERLAIN

The Perfect Chick Feed Man  
of Kirkwood, Mo.,  
offers as usual, Eggs from  
very fine stock, as follows:

26 W. or B. Leghorn Eggs .. \$1.50  
13 Barred or W. Rock Eggs .. 1.00  
13 Silver or W. Wyand. Eggs .. 1.00  
13 Rhode Island Red Eggs .. 1.00  
13 Black Minorca Eggs .. 1.50  
13 White Orpington Eggs .. 1.50  
10 Indian Runner Duck Eggs .. 1.00  
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50c extra for 2 sittings by  
Parcel Post, otherwise by Ex-  
press.

All orders for Feed, Incubators or Eggs, should be sent to this address:  
W. F. CHAMBERLAIN FEED CO., 322 N. Commercial Street, St. Louis, Mo.



rough and stormy weather of the winter? If not, there is no better time than the present to get them in shape.

The main thing is to keep them dry and to shelter them from the disagreeable east rains of February. This is essential where eggs are to be expected.

It is a good time to now begin to select the breeders. A good many of you on the farm where nothing but common mixed chickens have been the rule for generations, can hardly understand this. If I kept nothing but common mixed chickens, and had ever so much room for my chickens to range, I would, nevertheless, fix up one yard for breeders.

I would try very hard to strain a point or get up an extravagant streak, or whatever you might call it, and purchase a thoroughbred cockerel of some one of some breed. If I could not conveniently get the kind I wanted I would get the next best kind I could find.

At any rate, I would get a good rooster. I would then select about ten hens, picking those of good size, plump in breast and body and showing good vigor. These I would put in a pen with the new male. By fixing up a pen of this character you get the benefit of the best you have in size and vigor—something you fail to appreciate if you breed from your flock of 75 to 150 hens promiscuously, containing many a runt, cripple and what not. In case you are not willing to spend a cent for a good male, the next best thing is to take the best developed and most vigorous early hatched young male from your own flock and put into the yard. Get this yard in shape and a small house for it, easily made from a piano box, costing about \$1.50, or perhaps some old timber you may have on hand. Whatever it is, get it all ready so you can have your stock mated in a good time for saving eggs for hatching. This will all mean better things for next summer's flock of youngsters. They will be easier raised, grow and mature faster and be less trouble and expense to you in the end. This has been all

worked out and is not an experiment.

Let me tell you, spend about \$3 or \$4 for two sittings of good thoroughbred eggs. Get them about March 1. With fair success you should raise at least a half dozen pullets, which would give you a start in good stock for the following year, and it will not be long until the scrub chicken will be a blessed bygone on your farm. Once tried, you could never be induced to take back the common stock.

All this means better things for the future, and this is what we are working for. An important item looking to the welfare of your next year's crop of youngsters is the health of your breeding flock. Many an anxious poultry raiser is worrying about his delicate young chicks and wondering what in the world is wrong with the care of them, when the chances are that the trouble is all with the parent stock—a lack of vitality, fowls overrun with mites and lice, too close inbreeding, roup or what not.

That is why I say pay attention to your breeding stock. Be sure you get them right, and your chick trouble will be reduced many fold.

Plan well for your hatching season. If you are going to use an incubator for the first time, commence to plan for it now. Ascertain what make will be best suited to your needs and then secure one, set it to running, put eggs in it and make an experimental hatch before the time comes when you expect to do your best work and can not afford to lose valuable time. If hens are to be your means of hatching, make a goodly number of nest boxes for your layers, so that when a hen becomes broody she can have eggs put under her and be closed up to prevent other hens from disturbing her.

In fact, movable boxes are a good thing and a hatching room a still better thing where hens nest, and all may be placed and cared for all at one time during the day. In that way one person can look after a good many setters and only take about an hour's time each day. If you use hens for hatching, it is essential to have some good brood coops in readiness for them. A good, roomy coop for the hen, not less than two feet square, to which attach a covered wire run for the chicks, about 2x3 feet, will be found well worth the trouble, as two hens' chicks can be given to one hen and well cared for in this style of coop. Get some of these coops ready now and do not wait until the morning they hatch and you have one hundred and one other things pressing you for attention.—F. J. Marshall, in Atlanta Georgian.

Get a large bottle of vaseline and put in a few extra drops of carbolic acid. This is one of the very best of poultry remedies for colds, sorehead and kindred diseases.

**\$5 or \$10**

Buys a Breeding Trio of

**BROWN  
LEGHORN**

LIGHT OR DARK MATING

Order from this Ad.

**EGGS** \$3.00  
and \$5.00

Circulars are Free

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KNOXVILLE, TENNESSEE



**POULTRY  
LIFE INSURANCE**

# ZENOLEUM

**KILLS LICE AND MITES**

DISINFECTS the Hen House, Brooder and Incubator. CURES Roup, Scaleg Leg, Canker, Cholera. PREVENTS White Diarrhoea

**Endorsed by 50 Experiment Stations**

Every person interested in the causes and symptoms of all poultry diseases should read **CHICKEN CHAT**—Free if you ask for it. It names diseases, and suggests methods for curing them, and offers ideas for preventing contagion and infection.

The most eminent poultry authorities in the world have contributed their stories to this book. An interesting report is made by the Ontario Government poultry expert, Professor Graham, in regard to his successful handling of incubators, and the prevention of white diarrhoea in his hatcheries.

**Ask the Druggist or Poultry Supply Man**

At dealers 8 oz., 25 cts; Quart, 50 cts; Gal., \$1.50  
Postpaid 8 oz., 35 cts; Quart, 65 cts; Gal., \$1.50

**The ZENNER DISINFECTANT CO.**  
201 Lafayette Ave., Detroit, Mich.

## Poultry Disease Department

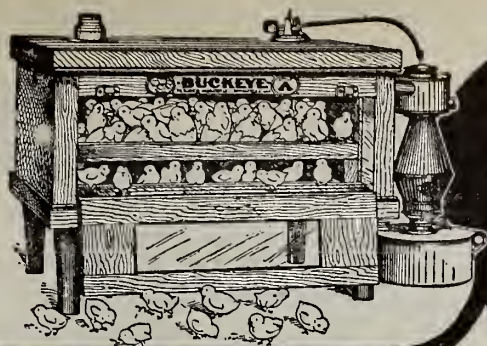
By J. A. THORNHILL, Hartselle, Alabama

Question. Mr. T. J. S., Buena Vista, Ga., writes that his hens are not laying, and wishes information that will help him get them down to business.

Answer. It seems to be a general complaint among poultrymen that their hens are not laying this winter as well as last. Here at home, fresh eggs are never scarce. To lay well, hens must be properly fed; by this we mean that they must not only get quantity and quality, but the food must be well balanced. Equal parts of wheat, cracked yellow corn and white oats make an ideal balanced grain ration, which should be fed in deep litter, so the hens will get the proper exercise. The grain ration will not make a sufficient bulk, so we would advise a mash to be fed, slightly moistened with sour milk or fed dry, composed of wheat bran 200 pounds; corn-meal 80 pounds; ground white oats 100 pounds; wheat middlings 150 pounds; beef scraps 90 pounds; and linseed meal 20 pounds. While I do not advise the too free use of egg tonics, yet, a little occasionally, will do no harm. Hens cannot support lice and lay well, so the first thing to be sure of is, that there are none on your hens; a good lice powder will destroy them.

Q. Mr. E. R., Tull, N. C., wishes to know the "ideal" time for hatching pullets to make good fall and winter layers.

A. January and February for the large breeds, and March and April for the small breeds. It isn't so much



## Anybody can Hatch Chickens with a Buckeye



# (Get



# (Big



# (Chicks)



**H**ATCHING time is right here. Everybody with chickens is thinking, talking incubators, reading catalogues, seeking information. Here are three most important things for you to determine before you buy:—

**Can I run an Incubator?** Yes, if it is a Buckeye. There are 325,000 Buckeye owners today who operated their own machines successfully the first time.

**Will it hatch every hatchable egg?** The Buckeye is absolutely *guaranteed* to hatch every hatchable egg. It will not only hatch every hatchable egg, but hatch big, strong chicks that will live and thrive. It means success for you.

**The Price?** You can buy a Buckeye Incubator

## As low as \$8.00

Under the Buckeye plan we have made it easy, satisfactory and convenient for you to buy by having an agency in your own town. Write us for this firm's name, so you can go right there, see a Buckeye before you buy, see the chicks hatching, and satisfy yourself that it is the machine you want.

Buckeye Incubators are made in five sizes, 60 to 350 eggs and are equipped with every desirable device to hatch strong chicks, using the same principle of hatching and construction as the big 10,000-egg machines.

There never was an incubator as popular as the Buckeye. Think of it! Over 325,000 in use—100,000 sold last year—22 years' record.

Write for the catalogue of this incubator that leads. You will be wanting to start your hatches soon. Find out where you can get a Buckeye—go see the chicks hatching and be ready.

**THE BUCKEYE INCUBATOR CO.,  
525 Euclid Ave., Springfield, Ohio.**

in the age of a pullet, just so she is well matured and kept in laying condition. Often pullets will moult during the winter months. This can be avoided, if green food is freely given them.

Q. Mrs. B. A. B., La., wishes to know if a Single Comb White Leghorn cock, whose ear-lobes are partly red, will do for a breeder. Also, if she should mate pullets whose ear-lobes are partly red.

A. The red in the cock bird will not debar him as a breeder; but when convenient, males free from red lobes should be used. Age develops red in the ear-lobes of all Leghorns. I wouldn't advise the too free use of the pullets with the red in their lobes for fancy breeding purposes.

Q. Mr. S. S., Wylam, Ala., writes for information on four questions:

1st. Do R. C. Reds breed truer to color usually than S. C. Reds?

A. No.

2nd. Should oats sprouted to four or five inches be cut fine before feeding, or should they be thrown to the chickens as they are, in large pieces?

Ans. I would feed them just as taken from the sprouter.

3rd. Will you tell me which is the best incubator for hatching?

A. Any one of the standard makes will answer. Never spend your money on a cheap machine.

4th. Will a cockerel do for breeding purposes at six months' old?

A. No; he should be at least one year old. Mate year old cockerels to your hens and cocks to the pullets.

Q. Mr. J. W. F., Buchanan, Ga., has several hundred dollars he wishes to invest in egg farming, and wishes to know which breed would suit him best; he prefers the Barred Plymouth Rock, but is afraid that they do not lay as well as some other breeds we might advise him to get.

A. If the Barred Rocks are your choice, by all means get them; they have stood the test for many years, and are yet considered among the best egg-producers, yet with this to their credit, I would not advise any one to select them, unless they really like the breed.



# SUNNY BROOK ORPINGTONS

**BLACK---BUFF---WHITE---BLUE**

Are the big massive, true-to-type kind that will please you every time. Fine head points and superior color are just as truly theirs. Blood of Atlanta, Philadelphia, Chicago and Madison Square Champions, correctly mated now for chix that will win the blues next season.

National Buff Orpington Club Show—Birmingham, December 10-14, 1912—5th cock, 3rd cockerel, 1st hen, 2nd pen and Special Best colored female; 1st cock, 4th pen on Whites; 4th and 5th cock, 2nd and 4th hen, 3rd and 5th pullet, 4th cockerel, 3rd and 5th pen. Blacks—Every black entered in the ribbons but two. 2nd pen Blues.

Eggs, \$3, \$5, \$10 and \$25 per 15. Every pen headed by a winner.

No farm South is in a position to so certainly set you right on Orpington breeding—none that can give you now so much real value for your money. Address

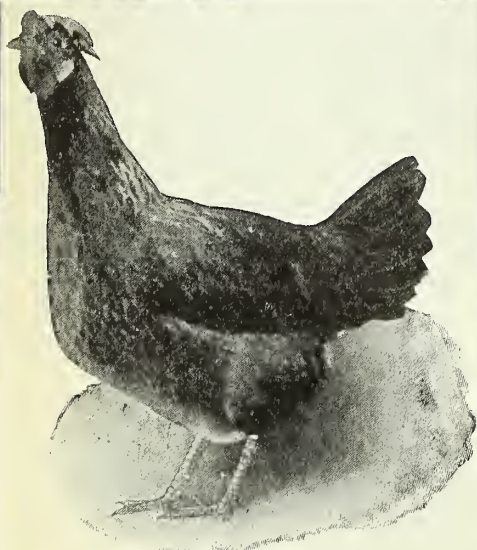
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### WOLFE'S RHODE ISLAND REDS and WHITE INDIAN RUNNER DUCKS

As well get ours now if you want the BEST; you'll come at last. Prize winners at New Orleans, Madison Square Garden, Greenwood, Providence, R. I.; Kansas State, Cleveland, Knoxville, Kankakee, Milton, Boston, etc. Fine eggs at low prices. Mating list free; stock for sale. We can "Deliver the Goods." Clinchfield Poultry Yards, Rogersville, Tenn.



A "BROWN BEAUTY" HEN

1st Prize Winner at Atlanta, Georgia, 1912. Bred and owned by J. H. Henderson, Knoxville, Tenn.

### BEST PULLET LINE IN AMERICA TODAY

This is the opinion of a prominent S. C. Brown Leghorn breeder and exhibitor of many years experience.

Stock and eggs for sale. Why not buy the best. Circular free. Write today.

### J. H. HENDERSON

KNOXVILLE, TENNESSEE

Breeder Brown Leghorns Since 1890

Member American Poultry Association, American S. C. Brown Leghorn Club.

Q. R. B. J., S. C., has a cock with a severe cold, and wants something that will cure it.

A. 3 grains Epsom salts; 2 grains ginger; 1 of sulphate of quinine, is the best thing I use for bad colds among poultry. Add the six grains of medicine to a little flour, dampen and roll into a pill and drop it into the fowl's mouth. Repeat several times.

Q. L. N. H., Atlanta, Ga., has several fowls with scaly legs, and wants a remedy.

A. The only thing I ever used for this trouble was to dip the legs of affected stock, up to feathers on the legs, in kerosene oil. Repeat the dipping several times, then rub the legs well with lard or vaseline until the scales begin to drop off.

Q. Mr. J. C. P., has four questions: (1) Can I ship eggs for setting purposes by parcel post? (2) Why is it that turnip leaves will prevent hens from laying? (3) What must I do for cankerous patches in the mouth of a hen? (4) What is the best roup cure you know of? I tried several different kinds, but none of them did any good.

A. (1) Yes. (2) I am sure that the leaves of turnips will prevent hens from laying, but why, I am unable to say. Rye sown in the early fall, or oats sown in the early spring will afford your poultry all the green food they need. (3) Remove the yellow pus and sprinkle burnt alum over the sore spot, or put some good

roup cure into the drinking water, allowing the affected bird no other drinking water. It is best to keep the hen cooped to herself. (4) There are several roup cures advertised. Several you mention are known to the writer to be reliable. Permanganate of Potash in the drinking water, enough to make it a deep wine color, makes a good lotion, and germicide for roup fowls. In drinking the water, the mucus membranes are coated and the roup germs are consequently destroyed. Heads of affected birds can be dipped in a warm solution of the permanganate water advantageously.

### MATE YOUR BREEDING PENS NOW.

**B**REEDERS who have not already mated up their breeding yards should not delay another day, but should mate their birds at once and get them accustomed to each other and used to the breeding pens. A great many breeders make a mistake in not getting their birds together early enough to get them accustomed to each other. Very often some of the females in the pen are timid and do not make friends quickly with the male bird or with the other females in the pen. They are often frightened and not satisfied in new quarters, and the sooner you get them accustomed to each other and have them contented and satisfied, the quicker you will get eggs and the better fertility they will show.

The breeding birds should all be gentle and quiet and should be handled quietly if you expect to get the best results from your mated fowls. Strangers should not be allowed to go into the breeding pens and frighten the birds during the breeding season. Neither should the owner or the attendant be constantly in the pen catching the birds and interfering with them. Every time they are frightened or disturbed it upsets their nervous system, and you can not get the best results from your birds, nor as many eggs as they are capable of producing, unless you are very careful in this respect. Some of the largest and best breeders in the United States never allow a stranger inside of their houses or pens, as the chickens will notice the stranger's appearance immediately, and it is surprising, especially with a nervous, high-strung variety, how they will be affected in their laying qualities by being disturbed or frightened.

If you have not already selected and mated your birds, naturally in catching and assorting them out and disturbing them generally in their everyday quarters you will upset them. Therefore, you should not delay a day longer in doing this work and in getting them settled down to business as soon as possible.

The secret of raising strong, healthy young chickens and birds that will have the proper shape and plumage is in knowing how to properly mate them by matching up the colors as they should be, and above all things, the shape and general conformation should be carefully considered in mating up your breeding pens. As a rule



the frame, size, and a big per cent of the constitution and vigor of your future young chicks is largely produced by the male bird. Above all things, a person should be very careful in selecting a male with nice color and one that has been bred from a line of good parents behind it, and especially should it be from a hen that has been a good layer.

Not enough attention has been paid to the laying qualities of breeding birds, but it is at present receiving more attention, as the average breeder nowadays is making egg-production one of the most important items in making up his matings, and it is well that they pay a lot of attention to this one important feature.

It is by far better for a person to use well-matured hens with good shape and proper conformation to raise his breeding birds from, and mate with a vigorous, well-matured cockerel these yearling hens, as the offspring will be much stronger, will grow off faster and mature into more healthy, robust specimens than if inferior, immature females are used for this purpose. One of the great troubles nowadays that has brought about so many weak chickens and white diarrhoea among chickens has been brought about largely by hatching chickens from immature pullets and parents. Like will produce like, and while the eggs will hatch just as well if not better from pullets, the offspring certainly will not have the constitution, vigor, and develop into as useful matured fowls as those that are hatched from well-developed, strong parent stock. It is all right to mate well-matured pullets that have laid one to two dozen eggs and are fully matured, to an old male bird, but the per cent of chickens raised from these matings will not, as a rule, be so great as the ones hatched from the old hens. While the old hens may not lay quite so many eggs as the pullets, the difference in the quality of the chickens will far more than make up this difference in the number of eggs received.—Loring Brown, in Atlanta Journal.

KILLING AND COOLING BIRDS.

The keeping quality of poultry depends largely on the methods used in killing and cooling the birds. A bird must be well bled, carefully picked and thoroughly cooled, if it is to be kept for any length of time in good condition.

Only a simple equipment is required to kill birds properly. A heavy cord is fastened to a beam overhead and to the end of the cord is fastened an iron nut. The nut is taken in the right hand and the bird's legs are put against the string. The nut is then put over the legs and to the right side of the string. The weight of the bird on the string holds the nut securely against the bird's legs and in this way the bird is securely fastened. When the bird is killed, the string can be taken off quickly by lifting the bird and bringing the nut toward the operator.

When the bird is hung up the head is taken in the left hand and the mouth opened. A knife with a blade



Four-Section Paradise Brooder Complete. Capacity, 400 to 600 chicks in eight separate lots of 50 to 75 chicks each. Base Section (two compartments) can be bought and used first, one or more Upper Sections to be added later.

CYPHERS COMPANY  
PARADISE BROODERS

THERE positively is no other brooder in the same class with the Cyphers Paradise for successfully raising chickens in the winter time and early spring—doing so with safety, comfort and economy. Every owner of a Paradise Brooder knows this because he has found it out by actual experience. Here are two sample reports:

“Would Have Been Money Ahead”

Kilbourn, Wis., Sept. 6, 1912.  
Cyphers Incubator Co., Buffalo, N. Y.—  
I consider your Paradise Brooder the only truly successful Brooder for handling baby chicks in the early part of the season. I kept no records of the number of chicks run through mine, but don't think that we lost over one-half dozen in our Paradise Brooder during the three months it was in use. We took the chicks from the incubator, the next morning after hatching, put them in our Paradise Brooder and kept them in same three weeks, then moved them to outdoor brooders. We expect to equip our place with Cyphers goods entirely as fast as we can. If we had started with Cyphers Incubators, Brooders, etc., we would have been good money ahead.

G. H. PRITCHARD.

“400 Chicks In 15 to 20 Minutes”

St. Charles, Ill., April 16, 1912.  
Cyphers Incubator Co., Buffalo, N. Y.—  
Regarding my experience with the Cyphers Paradise Brooder, will say I would not exchange it for any other brooder I ever saw—in fact after using it I would not accept any other make of indoor brooder as a gift, if I had to attend to it myself. With the Paradise I can take care of 400 chicks in 15 to 20 minutes. I can run in just before I go to bed and in a minute's time make sure that every chick is in perfect condition, or can soon make him so. Have kept chickens in it with fine success nearly three months, but realize that the brooder is not intended to hold the chicks that long. I do not believe that there is another brooder in the market that is anywhere near the equal of the Paradise.

C. B. SANDFORD.

PLACES TO USE: THE PARADISE BROODER can be operated with success in a dwelling house, store room, stable, poultry building or other structure where the temperature does not go below freezing. It will give excellent satisfaction in any of these locations. No better or more convenient place can be found than near a window in a room of an ordinary dwelling—a south or east room preferred, where the sun will shine in on bright days. FOR DETAILED ILLUSTRATED DESCRIPTION of the Paradise Indoor Brooder (heated by coal oil stove or by gas) write today for our 1913 Complete Catalogue and Poultrymen's Guide, “Profitable Poultry and Egg Production,” 244 pages, 7½ x 10 inches, 500 instructive illustrations. FREE on request. Fully describes our more than 100 standard poultry articles for progressive, successful poultry raisers. Address our place of business nearest you.

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## Single Comb RHODE ISLAND REDS Exclusively

Proof it takes, and proof we have, that after 8 years careful breeding we have both birds and eggs to offer you of highest quality. 1912 at Newport, Tenn., 1st pen, 1st cock, hen, pullet, cockerel. Sweetwater, 3 entries, 1st pen, 1st pullet, 3rd cockerel. Morristown, Tenn., 1st, 2nd, 3rd cockerels, 1st pullet, 1st hen, 2nd pen. Sweepstakes on male and female for highest scoring birds in show, shape and color. Red Club of America Specials. Eggs, \$2.00 to \$7.50. Ask for mating list. APPALACHIAN POULTRY YARDS, A. J. Stanbery, Proprietor, R. F. D. No. 2, Newport, Tenn.

Hoag Farms, Enid, Oklahoma, Breeders of

## S. C. White Leghorns--Buff Orpingtons Single Comb Rhode Island Reds

Our birds have become popular upon their own merits. They are noted for their marvelous laying qualities and hardiness. If you need a bird for your show or breeding pen write us, our catalogue is free. (Mention this journal.) Eggs and baby chicks in season.

HOAG FARMS -- ENID, OKLAHOMA

## S. C. WHITE LEGHORNS

FARM-BRED STRAIN



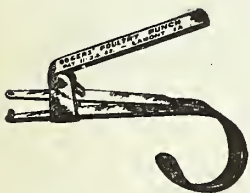
Bred with inborn tendency to lay—long, deep bodies, low tails, pure white, healthy, vigorous. Bred and fed on scientific principles; reared under natural, congenial environments. Yearling Hens, Yearling Cocks, Cockerels and Pullets for sale.

CHICK-A-DEE FARM, J. A. Dinwiddle, Prop., New Market, Tenn.

## IMPROVED SILVER CAMPINES

Bred from our original Importation and our Madison Square Garden winners. Eggs, \$5.00 for 15; \$10.00 for 50; \$18.00 per 100.

HILLCREST FARMS -- Free Catalogue -- OAKFORD, PENNSYLVANIA



## ROGERS' Money-Back POULTRY PUNCH

The only one that you can trade back for your money if not satisfied. Cuts clean hole, works easy and you can see what you are doing.

Plain White Finish.....25c  
Nickel Plated.....35c

Mailed, postpaid. Thousands in actual use.

T. W. ROGERS,

Box H,

LAMONT, IOWA

two inches long and one-fourth inch wide is the most satisfactory for killing. The knife is thrust into the back part of the mouth and a downward diagonal cut is made which severs the blood-vessels. Then the knife is thrust into the head at the corner of the mouth at such an angle that it pierces the brain about the central part of the head and a little back of the eyes. When the brain is pierced the muscles which hold the feathers in the skin are paralyzed; then the feathers can be pulled out easily. After piercing the brain, a blood can is fastened to the bird's head to collect the blood. This can is six inches deep and three inches in diameter. It is made of galvanized iron and is weighted to one pound. On the inside of the can about an inch from the top a hook is soldered; this is to fasten the can to the bird's head.

After the feathers are removed from the bird, the head and feet are washed and the head is wrapped in a piece of parchment paper; it is then put in a room for twenty-four hours and held at a temperature of 38 to 40 degrees. The cooling removes all the animal heat from the carcass and it is now ready to be graded as to size and quality. The carcasses are packed into boxes which hold just one dozen birds and are then placed in a freezing room and held there until they are

put on the market.—R. V. Mitchell, Poultry Department Missouri University, Cleveland, Ohio.

### BEST METHODS OF BROODING.

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Cyphers' Incubator Company  
Will Be Ready for Mailing  
This Month.

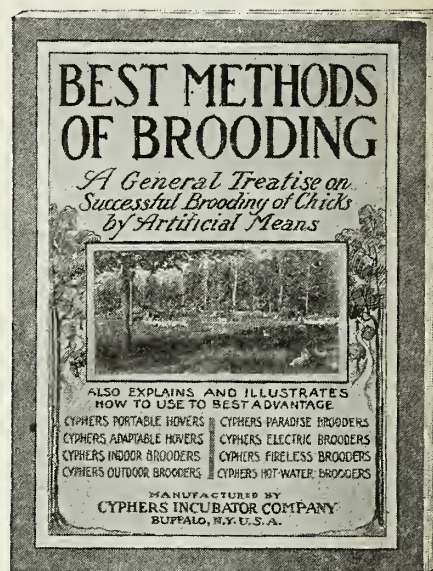
Of every one hundred chicks that die between the ages of one day and one month old, it is estimated that fifty die on account of incorrect brooding, thirty because of improper feeding and the remaining twenty from all other causes.

It has been with a view to help stop a large proportion of this heavy mortality in chick life that the Cyphers Incubator Company, Buffalo, N. Y., has published a new free booklet entitled "Best Methods of Brooding," a copy of which will be mailed to any reader of this paper on request, provided you will mention the name of this journal when writing for the free booklet.

"Best Methods of Brooding" opens with an extensive treatise on "Correct Brooding of Chicks by Artificial Means" and then explains in detail how best to use the different types of brooding apparatus, including portable hovers, adaptable hovers, indoor

and outdoor separate brooders, indoor sectional brooders, electric brooders, hot-water brooding systems, etc.

Write today for your copy of this new free booklet and thus get the benefit of it in time for successful spring brooding. Address Cyphers



Copy of this Latest Cyphers' Company Booklet will be Mailed Free on Request to any Reader of this Journal.

Incubator Company, home offices, Buffalo, N. Y., or this Company's nearest branch store and warehouse, as follows: 23 Barclay St., New York, N. Y.; 12-14 Canal St., Boston, Mass.; 329-331 Plymouth Court, Chicago, Ill.; 317-319 Southwest Blvd., Kansas City, Mo.; 2127-2131 Broadway, Oakland, Cal., and 121-123 Finsbury Pavement, London England.


### SPROUTED OATS

Of all green food given to poultry, there is perhaps none relished more by the hens than sprouted oats. Its cheapness and food-value make it indispensable to the practical poultryman. For the benefit of the beginner, I am going to tell a simple way to supply a flock of fifty hens with green food the entire season.

First, prepare your frame. Make these of ten-inch planks nailed together to form a 3x6 ft. frame. Burlap sacks are placed as a floor to hold the oats. A small mesh wire netting cover for the top keeps out chickens and birds. Three such boxes will give a continuous supply of green food for a flock of about fifty hens. Of course any kind of boxes will answer the purpose just as well, but the uniform frames of sprouting oats look more attractive.

Put about a gallon of oats in a bucket. Fill up with tepid water and allow the oats to soak over night. The next morning empty them into the prepared frame and spread them out over the burlap. Water twice a day. When the green sprouts are about three or four inches high, feed





**FERRIS IMPROVED WHITE LEGHORNS**

**THE FERRIS LEGHORN FARM**  
GRAND RAPIDS, MICHIGAN

**This 132-Page Catalog Tells How We Increased Egg Production 25%**

**Send for Your Copy Today.**

It will be sent absolutely free and tells for the first time how the wonderful laying qualities of the Ferris Improved White Leghorns have been developed—how we have increased egg production over twenty-five per cent by our system.

Twelve years ago when we started to breed layers it was impossible to get hens that would lay more than 100 to 140 eggs a year. Now we have developed laying qualities by scientific breeding so that we have flocks that average over 185 eggs a year.

**Eggs, Chicks and Stock**

We can furnish eggs, chicks and stock in any quantity and will guarantee perfect satisfaction. Our exhibition matings will breed winners for any show and are fully described in our catalog and mating list. Our trapped layers will give you the right kind of foundation stock for heavy egg production, and the prices of eggs and chicks are very reasonable. Infertile eggs replaced free of charge. Safe arrival of chicks guaranteed.

Thousands of hens in our breeding pens enable us to make prompt shipment of all orders. We have foundation stock of all grades to sell at low prices.

There is no space in this ad to tell you all the good points of Ferris Improved White Leghorns—so we want to send you the catalog free of charge. Just mail a postal while you have this ad in mind—it will bring the catalog by return mail, containing more valuable information than any other poultry book.

**George B. Ferris, The Ferris Leghorn Farm**  
920 Union Avenue, Grand Rapids, Mich.

the oats, roots and all, to the hens. Give a piece from four to six inches square to a pen of ten to twelve fowls.

Here in the South, oats can be sprouted out of doors the entire year, the amount of time required, varying according to weather conditions.—Mrs. Donald Donaldson, Decatur, Ga.

**PROPER CARE OF LIVE STOCK.**

The winter season is the time to set things to rights on the farm, to take such measures as will bring men, stock and implements to the highest degree of efficiency for the ensuing summer campaign, and there is per-



haps no better way of distinguishing the unsuccessful from the successful farmer than by the way in which they care for their stock and implements during the slack season. Go over the horses carefully and see what they need in the way of fixing up. Is the barn tight and warm? Remember that you can't afford to warm all out of doors with feed at present prices. Are the teeth of your horses sharp? File them down. Do they need a tonic? Get it. Are you prepared for emergencies that may arise in the treat-

# OWEN FARMS

**OUR WIN AT NEW YORK, MADISON SQUARE GARDEN, LAST SHOW**

**BUFF ORPINGTONS:** Five Firsts, including 1st Cock, 1st Hen, 1st Cockerel, 1st Pullet, 1st Pen, making *first in all the classes*, and also 3d Cock, 4th Hen and 6th Cockerel.

**WHITE ORPINGTONS:** Three Firsts, 1st Cockerel, 1st Hen and 1st Pen; also 2d Pen, 3d and 5th Cock, 6th Hen and 3d Pullet.

**BLACK ORPINGTONS:** One First, 1st on Cockerel, and also 5th Hen and 5th Pen.

**WHITE ROCKS:** Four Firsts, 1st Cock, 1st Cockerel, 1st Pullet and 1st Pen. 2d in all five classes, Cock, Hen, Cockerel, Pullet and Pen. 4th and 5th Cock, 4th Hen, 5th Cockerel, 4th Pullet, and on Pen we won every place but 4th, making our Pen winnings, 1st, 2d, 3d, 5th and 6th.

**BARRED ROCKS:** In this variety no exhibitor won more than one first. We won 1st Pullet, which was awarded the Shape Special and also won the Championship for best female. We also won 4th Pullet and 2d Hen.

This made a grand total of 27 Firsts, 12 Seconds, total number of birds winning under ribbons at this famous and largest show in America of 139.

We submit to you frankly this question: Could any other farm than Owen Farms possibly be in a position to do more for you than they can? We answer it for you by saying it is not possible. With 8000 young birds, and 2000 older birds for the cock and hen classes, possessing all the quality that their New York winners have made possible, they can and will do more for you than any other farm possibly could.

Whether you are rich or poor, a large breeder or a small breeder just beginning, makes no difference to us. Our price on a particular bird is the same to all. We necessarily have birds that will fit your needs, however

**WM. BARRY OWEN, Prop.**  
**MAURICE F. DELANO, Mgr.**

**WHITE WYANDOTTES:** Three Firsts, Cock, Cockerel and Pen. Also 3d and 4th Cock, 2d, 3d and 5th Hen, 2d Cockerel, 2d and 3d Pullet, and 2d and 3d Pen, giving us the first three awards on Pen.

**SINGLE COMB REDS:** Three Firsts, 1st Cockerel, 1st Hen, 1st Pen. Our 1st Hen also won the Shape Special. We also won 5th and 6th Cock.

**ROSE COMB REDS:** Two Firsts, 1st Cock and 1st Pen. Our 1st Cock was the Champion Male of the show. We also won 3d Cock, 2d and 6th Hen.

**SILVER PENCILED ROCKS:** Four Firsts, Cockerel, Hen, Pullet and Pen. Also 3d Cock, 5th Hen, 4th Cockerel, and 3d and 5th Pullet.

**COLUMBIAN WYANDOTTES:** 1st and 4th Pullet and 4th Pen.

11 Thirds, 9 Fourths, 10 Fifths and 5 Sixths, and a

Our catalogue containing 131 pages of illustration and interesting matter will be gladly sent you upon request. We only ask you to write early for exhibition birds. It takes time to select, wash, fit and coop-train, and correspondence consumes more or less time inevitably.

## Little's <sup>WHITE</sup> Wyandottes

At five large Southern Shows this season won more firsts than all competitors combined, besides lots of seconds and thirds.

Also won at some of America's Largest Shows in competition with some of the World's Largest Specialty Breeders. If you need new blood, start right, get the best.

I have three of the best matings of WHITE WYANDOTTES in the South today. My show record and mating list for the asking.

**T. L. LITTLE**    :-    **Box 534**    :-    **CAMDEN, SOUTH CAROLINA**

President S. C. Branch A. P. A.

ment of milk fever and garget? Do you suspect tubercle in your herd? Now is the time to test your cattle.

Do you realize the money there is in capons? Get a set of caponizing instruments now and operate on two or three chicks weekly until you become expert so that when the season arrives you can take advantage of it.

The house of Geo. P. Pilling & Son, 23rd and Arch St., Philadelphia, Pa., makes a specialty of supplying instruments and remedies direct to the farmer, delivered free to your home. You can get anything, tooth instruments, milk tubes, garget and milk fever instruments, tuberculin and hypodermic syringes, caponizing instruments, blisters, tonics, healing ointments, cattle powders and liniments, at prices that will please you—all of these goods are easy to use and are sent with such full instructions as to be absolutely satisfactory.

The Geo. P. Pilling & Son Co. also keep a staff of veterinarians to give free information on request to their customers. Write today, it costs nothing.

Take a three or four pound spring chicken of Wyandotte fame, kill it and turn it over to wifey. She is to cut it in quarters 2 half breasts and wing, and 2 legs and thighs. Fry in a pan with lid on in a little cold water and butter and as it steams add a

little more water. Say, you better kill two chickens!—Ex.

The farm flock or poultry plant on a small scale can best be cared for by the co-operation of several members of a family. The work and care can be so planned and divided that each one, whether man, woman or child, can have a share suited to his or her age, strength, judgment or preference.



Black Langshan Cockerel, of fine shape and rare color. Great winner of the blue. Owned by L. S. McGhee, Bristol, Tenn.



# GWYNN'S WHITE ORPINGTONS

Are the real thing when it comes to type and color. Our best pen is headed by a son of Cook's (\$1,000.00) thousand dollar Madison Square cockerel, and he is a "Pippin." He is a broad-backed, deep-full-breasted bird, with fine carriage, deep red eyes, good comb, beak and shanks, and is absolutely WHITE. He is mated to nine-pound females, on a par with himself. All eggs \$5.00 per fifteen. We have some choice cockerels for sale. They are TYPEY and WHITE and are a great bargain at \$5.00 up. Write us for terms, etc.

W. B. GWYNN & SON

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GEORGETOWN, KENTUCKY

## DENSMORE'S <sup>Single Comb</sup> WHITE LEGHORNS

WIN, LAY AND PAY

To make room for growing stock, we will offer a few choice breeding pens at half price. Also 500 one and two year old hens at \$1.00 and \$1.50 each.

THE DENSMORE POULTRY FARM, Inc. -- Roanoke, Virginia



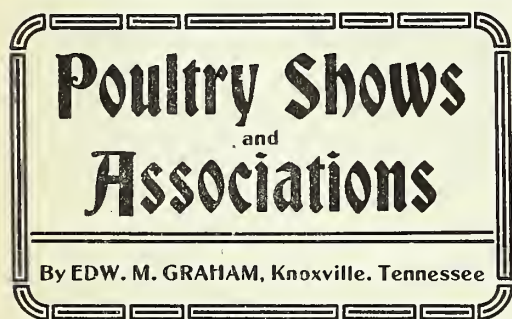
## Mammoth Bronze TURKEYS for Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 43 to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early. Also Barred Plymouth Rock Chickens from the best prize-winning blood. Eggs in season. Member A. P. A. MRS. J. C. SHOFNER, Booneville Poultry Yards, Route 1, Mulberry, Tenn.

## JEFFREY & HERVEY Raleigh N. Carolina

Specialty breeders of BUFF PLYMOUTH ROCKS, undisputed champions of the South.

Winning 1st cockerel; 3d and 5th hens; special for best male; Hagerstown, Maryland, Oct., 1912. 1st, 2d, 4th cock; 1st 2d, 3d, 4th, 5th hen; 1st and 4th cockerel; 3d and 5th pullet; 3d pen, Atlanta, Georgia, Dec., 1912. Show birds and great breeders for sale. Pen—1 male and 4 females, \$10.00. Write for 1913 mating list.



By EDW. M. GRAHAM, Knoxville, Tennessee

### PERMANENT AMERICAN POULTRY ASSOCIATION HOME.

The Committee appointed to receive offers for a Permanent Home for the American Poultry Association desires that all such offers be sent to the Chairman of the Committee before February 1, 1913. All offers to be in writing, giving definite information about what is proposed, and to be guaranteed by some reliable business organization or reliable business men. All offers to be filed by March 1, 1913.

The city that secures the Permanent Home of the American Poultry Association, will not only become noted as poultry headquarters, but will be considered the greatest poultry center in America. The large amount of poultry correspondence will necessarily make this city prominent as a poultry center and be worth a great deal in an advertising way for any city. This is in addition to the actual benefit to be derived from the national officials being located in any one city.

The Committee will be pleased to correspond with any city that wishes to make an offer.

No special building or location is

required, but each city is urged to make its most liberal offer along such lines as, in the opinion of those making the offer, will appeal to the members of the Association.

All offers will be treated as confidential until opened for investigation and publication to the Association.

REESE V. HICKS,  
Chairman, Topeka, Kan.  
T. E. QUISENBERRY,  
Mountain Grove, Mo.  
E. B. THOMPSON,  
Amenia, N. Y.  
RUFUS DELAFIELD,  
South Plainfield, N. J.  
G. H. RUDY.

Mattoon, Ill.

### Southern Pigeon Association.

The Southern Pigeon Association was organized at the Southern International Poultry Show, Atlanta, Ga., December 20, 1912. The object of the organization is to awaken more general interest in pigeon breeding; to secure better classifications at shows; to aid in every legitimate manner the advancement of the pigeon industry in the South. The dues were fixed at \$1.00 per year. For full information write A. F. Ralf, Experiment, Ga.

In a recent letter from P. O. Grist, Secretary of the Caldwell County Poultry Association, Lenoir, N. C., he informs us that their recent show was crowned with success, and that they have every reason to believe that their exhibition next year will prove a greater success.

### SPIRIT IN THE SHOW ROOM.

By S. S. Peterson, M. D.

The beauties in our poultry yard  
May be surpassed by others;  
Yet in our show room we should be  
A jolly band of brothers.

Perhaps Bill Jones may have a bird,  
To HIM is just perfection;  
But when his Judgeship comes around  
On his tour of inspection,

He finds elsewhere another bird  
With cleaner toes and nicer beak,  
Which puts to shame Bill Jones' bird,  
Of which he fails to speak!

Should Jones fly up and cuss the show  
And sever his connection,  
And say mean things about the Judge  
For making such selection?

No, Jones should only laugh and say!  
"I'll come again next year  
And better birds I'll surely bring  
Than these I now have here."

Such is the spirit we all should have  
In our success, or in defeat;  
Bring better birds from year to year  
And all our neighbors beat.

Just a jolly set of fellows  
When vieing with each other,  
And when we meet again next year  
It's "Hello there, my brother!"

Pedigree is a good thing for a man  
or a fowl, but it should never be forgotten that, between the present descendant and some remote, famous ancestor, a great many things may have happened. Some pedigrees only emphasize the resemblance there is between some families and potatoes—the best part of them is underground.  
—Exchange.



First Single Comb R. I. Red hen at Tri-State Fair, Memphis, Tenn., 1910. Owned by Ballew Bros., R. 2, New Decatur, Alabama.



**Grand Prize  
Gold Medal**

# "BLUE-BARS" Again

At the Virginia Poultry Association show at Richmond, the hottest Barred Rock show anywhere in the South, my "BLUE-BARS" made the most notable win of the year, as follows: Gold special for best display, sweepstakes ribbon, silver trophy cup for best display of Barred Rocks, Silver cup for best display in the American class, A. P. A. silver medal for best cockerel, special for best colored male and that most coveted of all prizes, the American Poultry Association **GRAND PRIZE GOLD MEDAL** for best cockerel in the show. This cockerel was the attraction of the show, as was also the cockerel heading my first prize exhibition pen, who ran him a close second. **THIS WIN CROWNS A SEASON OF CONTINUOUS TRIUMPHS.**

## \$15.00—PRIZE WINNING TRIOS—\$15.00

Each of these grand breeding trios is headed by a cockerel who has been a prize winner this year. First order gets first choice. Write for descriptions.

At \$10.00 I have breeding trios of fine quality and headed by birds good enough to win. Seventy-five strong Barred Cockerels at \$3.00 to \$10.00 each. Eggs for hatching, \$2.00, \$3.00, \$5.00 and \$7.50 per fifteen. Handsome new catalogue just out.

**L. H. READE -:- Highland Park, RICHMOND, VIRGINIA**

Originator of the "BLUE-BAR" Strain of Barred Plymouth Rocks.

### POULTRYMEN'S RESOLUTIONS FOR THE NEW YEAR.

Whereas another year with its record of successes and failures has become history in the world of poultry, we think it only fitting that we pause on the threshold of 1913 and draw from bygone experiences lessons for our future guidance, therefore be it:

Resolved, that no dark days of unrequited toil, formidable array of empty egg baskets, or fast increasing feed bills can lessen our ardor for our poultry.

Resolved, that we are in the best business on earth because it's a business that will crow for itself.

Resolved, that we will enjoy our work especially when working over a plate of fried chicken, served a la fricasee.

Resolved, that we will intelligently read our poultry journals and books that we may be instructed in all advance made in our business and may derive all possible benefit from others' investigations.

Resolved, that we carry on our business in a business-like manner, keep an accurate book, and cut off all expense of time and money when it can be done without sacrificing results.

Resolved, that taking into consideration our particular buildings, we make a study of best and easiest manner of doing daily tasks, of feeding and care for our poultry.

Then having work systemized rigidly, follow the system. The work soon becomes automatic and can be done with a great saving of time and gray matter. Brain power is the most valuable asset a poultryman has and should be conserved.

Resolved, that we buy a supply of grain in the early winter months and keep for ourselves the grain elevator man's profit.

Resolved, that the droppings be taken directly from hen houses to the land or else mixed with road dust and stored under shelter to prevent the escape of ammonia, the most active fertilizing quality.

## COWAN'S White LEGHORNS Mottled ANCONAS White, and Fawn and White INDIAN RUNNER DUCKS

Win the blue and fill the egg basket while others are loafing. Pen now mated that will produce winners for the big shows next fall. Write for show record and mating list. Member National White Runner Duck Club.

**THOS. COWAN -:- DECHERD, TENN.**

## BLYTHE BROTHERS ROYAL BLUE ROCKS

We have a fine bunch of breeding birds, both males and females, in single, pairs, trios and pens, including my famous Cock, King Blue, and young stock from his pen. We guarantee to please and prepay express charges on every order over \$10.00. Let us hear from you at once.

**BLYTHE BROTHERS -:- Box B -:- FRANKFORT, KENTUCKY**

Resolved, that we will encourage the poultry shows as a means towards better poultry, better methods and better prices.

Resolved, that we will cull out from our breeding pens all that are defective in color, size, shape, head points or health.

Resolved, that we will not overcrowd our poultry houses and thus invite all manner of diseases.

Resolved, that we will keep our poultry houses clean and supply them with pure outdoor air, night and day, regulating the temperature by means of muslin windows, burlap curtains before the roosts, etc.

Resolved, that we will give our poultry regularly a supply of clean water in dishes that can not be either spilled or the litter scratched in.

Resolved, that hoppers be provided for oyster shells, grit, charcoal and dry mash feed. As a matter of economy these hoppers should be so made that the fowls can not waste the contents.

Resolved, that sweet separated milk is part of their daily ration, or else green cut bone is fed two or three times a week.

Resolved, that we scatter a mixed grain ration in a dry clean litter at

night, for the fowls' breakfast. Then when other business men are hastily snatching a cup of coffee and rushing to their work in the dim light of a zero morning, we can pull the blankets a little more snugly about us, and turn over for a luxurious morning nap, knowing our fowls are scratching out their breakfast, at the same time getting exercise and warmth.

Resolved, that we will provide a supply of green food, cabbage, beets, sprouted oats or ensilage as a part of their daily food.

Resolved, that we will not get discouraged and give up if our hens do not come up to our expectations. Well directed, continued effort will surely bring results. If results are not forthcoming concentrate every faculty of mind and body to find out "why." It is a bad habit to get into the habit of failure. We are but a bundle of habits and when the habit of success is formed, success comes naturally.

Resolved, that we keep better poultry and more of it.

Resolved, that we give full value for money received.

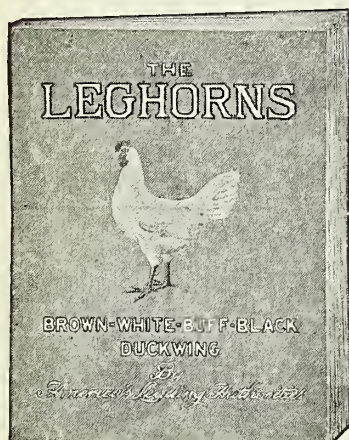
Resolved, that these resolutions be published and a copy sent to all poultrymen who have been bereaved by the loss of chicks—chicks before they



# THE LEGHORNS

Standard and Non-Standard  
Varieties

Most Complete Text Book on  
the Popular Leghorn ever  
Published



**THIS NEW AND GREATLY ENLARGED EDITION**, thoroughly revised and brought down to date, consists of 144 large pages and cover. It tells how to select and mate birds for the breeding pen; how to judge Leghorns in the show room; and how to feed for heavy egg yield and fast growth. Some of the great commercial Leghorn egg farms described and illustrated.

Edited by

**J. H. DREVENSTEDT,**

Breeder and Judge of twenty-five years' experience and member of Standard Revision Committee of 1898, 1905 and 1910.

This new book contains chapters on the following subjects:

"The Leghorn Fowl"—History of origin and development of Leghorn shape, Standard shape, etc. "Leghorn Type"—Evolution of shape, etc. "Brown Leghorns"—Color breeding, virtues and faults, progress, present Standard, etc. "White Leghorns"—All about them. "Buff Leghorns." "Black Leghorns." "Leghorns in England." "Judging Leghorns." "Commercial Leghorn Farms."—Feeding for best results.

Two Color Plates by F. L. Sewell

These picture ideal White Leghorns and the true colors of Brown Leghorn feathers—invaluable to Leghorn breeders.

Price, \$1.00

This Book and Industrious Hen  
1 year for \$1.25

Send all orders to  
**THE INDUSTRIOUS HEN**  
Knoxville, Tenn.



## ONSTOTT'S IMPERIAL ORPINGTONS

BLACK WHITE BUFF

Ours are right in size, type and color,  
Nor will you regret it, if you give an order.  
Send at once and get our prices;  
They are right, and our advice is,  
Our Ad. should be noticed at once by you  
That Spring will not come and find due  
The order that you should send this day,  
'S tating kind of stock, and what you will pay.

Day-old chicks, eggs by the setting or by the hundred. Large boned, vigorous cocks and cockerels, laying hens and pullets for sale from \$3.00 up. Address,

**MRS. DANIEL ONSTOTT**

--: **MOORES HILL, INDIANA**

were hatched or chicks after they were hatched—eggs, fowls, blue ribbons or fond hopes and aspirations.--Bert Connelly, Mainesburg, Pa., in Poultry Item.

### DAMAGE TO EGGS DURING TRANSPORTATION.

Farm-Poultry clips an article from the New York Produce Review on "Damage to Eggs in Transit" and comments on same editorially in the December issue. Mr. Robinson suggests that here is an opportunity for inventors to perfect an egg case that should make a fortune for the originator; "that is, if the best solution of the problem is a package that will stand no end of jarring and rough handling," he says.

Mr. Robinson further comments: "It seems to us that such a package will cost more, and that it is at least open to question whether it would not be better for the railroads to adopt methods less destructive to fragile goods than for shippers to undertake to pack such goods to withstand unnecessarily rough handling. There is also a question whether the breakage is not largely due to careless handling and to weak shelled eggs."

We add a hearty "Amen" to that. We have been handling a good many shipments of eggs, covering a considerable period of time in several different localities. During the past season we have shipped a good many eggs from our home plant and in various sorts of packages. We have also commuted to a considerable extent on suburban roads and traveled in combination smokers and baggage cars, where we could see the actual handling of eggs and other goods during transit. Our American railroads don't seem to care much how they handle human freight, much less merchandise, and it is getting so in New England that a man should say a little prayer of thanksgiving every time he travels a few miles by rail and reaches his destination in safety.

To return to express and freight handling, the complaint of destructive handling is an old one and a just one. We have repeatedly seen boxes or cases of fragile goods thrown from the car door to land cornerwise on the rails or platform and many times we have seen railroad and express company employees raise boxes above their heads and throw them forcibly down on other packages when less rough handling would have taken less strength and effort. The term "baggage smashers" was certainly earned by the rank and file. When one sees goods in transit carefully handled, it is the exception and not the rule.

Our special fancy eggs for table use of private trade are wrapped in tissue paper like fancy fruit and packed in cartons, but these cartons have to be carefully packed to stand transportation without damage. Wholesale trade does not care for eggs packed in this manner and prefers them in the regular cases as the eggs are liable to handling many times before reaching the consumer.

There are a good many kinds of cases and more kinds of fillers. The brown, lock joint, strawboard fillers are the best we have used. We use some heavy returnable cases, but as a rule they are more or less of a nuisance. For one thing it takes a lot of the returnable cases to do any sort of business. The cases are heavy and rather expensive when service is considered. It is often difficult to get them returned and a good many are lost.

Because a returnable case looks strong and substantial, it gets much rougher handling during transportation than the lighter non-returnable case. For this reason a good many eggs are cracked and broken in returnable cases.

For market eggs we like best the inexpensive light weight non-returnable case to hold 30 dozen. There should be sufficient space at top and bottom to permit a ¾-inch layer of excelsior for additional protection from jar. The case looks flimsy and







**Extra  
Eggs  
Laid  
and**

**mean  
Extra Profits**

**Extra  
Chicks  
Raised**

This statement requires no argument! Now plan your work to get more eggs, hatch more and better chicks, carry more chicks to maturity without additional equipment or labor. In other words, increase the efficiency of your entire plant. You can do it easily. This is the way:—Give

**Pratts Poultry Regulator**

to your breeding stock. It will invigorate the birds, bring more eggs with better fertility. That means bigger hatches of husky chicks. Put

**Pratts White Diarrhea Remedy**

in the drinking water for all broods to control this destructive disease and other bowel troubles. Then feed

**Pratts Baby Chick Food**

and watch the youngsters grow! It will raise every good chick, and a lot of the weak ones and make them husky and vigorous. Use this combination for better results. Remember

"Your money back if it fails"

Prices: Regulator, 25c to \$9; 25-lb. Pails, \$2.50; White Diarrhea Remedy, 25c, 50c; Baby Chick Food, 25c up. Pratts 160-page poultry book by mail. Get Pratts Profit-sharing Booklet. Our products are sold by dealers everywhere, or

**PRATT FOOD COMPANY**  
Philadelphia  
Chicago



## S. C. BLACK MINORCAS

BRED FOR BEAUTY—SIZE—LARGE WHITE EGGS

Made sensational winning at Richmond, Va., (60 in class), 7 ribbons—probably strongest class of Minorcas ever seen in the South; at Lynchburg, Va., (51 in class), 9 ribbons—special best display, the "MINORCA" Shows of the South. Choice stock for sale. Eggs, \$2 and \$4 per 15.

**R. H. ANDERSON**    :-    :-    **LYNCHBURG, VIRGINIA**

Member American Black Minorca Club.



## R. H. SHARP'S STRAIN OF Barred Rocks

I HAVE ABOUT TWELVE COCKERELS FOR SALE. I won at the Appalachian Exposition, 1st and 3d cockerel, 2d pen and 4th cock. These cockerels are first-class, and satisfaction is guaranteed. Price—\$1.50 to \$2.50. Eggs from exhibition pen, \$2.50 per setting of 15; incubator eggs, \$1.50 per 15; \$4.00 per 50; \$7.50 per 100. I breed Ringlet Barred Rocks only.

**R. H. SHARP**    :-    **LaFOLLETTE, TENNESSEE**

## Single Comb BUFF ORPINGTONS Exclusively

PEN WINNERS at Great Southern International Show, Atlanta, 1911, and again 1912. Eggs from these winners, \$5.00 per 15. Other matings at \$3.00.

**GEO. C. FIFE**    :-    206 Austell Building    :-    **ATLANTA, GEORGIA**

## Single Comb BUFF ORPINGTONS Exclusively

"DOGGONE GLAD TO LAY"

Have 3 pens mated for the season. Eggs from prize winners. Write me your wants. Satisfaction guaranteed. Life Member American Poultry Association. Member National S. C. Buff Orpington Club. Member Alabama Poultry Association.

**FRED S. FLETCHER**    :-    320 South 59th Street    :-    **BIRMINGHAM, ALA**

### ABOUT HATCHING AND BROODING.

As the hatching and brooding of chicks has been a problem to most beginners, an article on this subject may help some beginners who expect to take up the raising of poultry next spring as a side line, for pleasure or profit.

In selecting hens to do the hatching, it is well to use those that are the tamest as a nervous hen will break the eggs and cause the attendant to use some language he would not like to have the minister hear. If the hen shows signs of broodiness put a few china nest eggs under her and if she sits on them a couple nights you know she means business. Use a low box that the hen will not have to jump in and out of, as there is danger of the eggs being broken, and put a sod in the bottom and fix the rest with straw and chaff.

Place the hen where the other fowls cannot disturb her as she will become nervous and maybe leave the nest. Keep grit, charcoal, corn and fresh water before her at all times. Dust the hen when setting her with a good insect powder and again on the 7th, 14th and 18th day and keep a lookout for red mites as a sitting hen makes a good breeding place for them.


Many will be having their first experience with incubators and brooders next spring and the first thing I will say is read the manufacturers' directions and follow them closely as they know what the machines can do as they have been tested out before they left the factory. We read of people condemning the incubator for not bringing off a good hatch, when if all the facts were known the attendant was at fault in not following the directions closely and not using good judgment in operating it. I have my best hatches when the temperature is nearest 103 degrees the full period of incubation. With a lower temperature than 103 the hatch lags and is unsatisfactory. Turn the eggs twice daily, airing them in the evening and fill the lamp in the morning so it can be watched, that the flame will not get too high or too low.

Test out the infertile eggs on the 10th and 17th days. You will have no trouble telling a live, healthy germ at the end of ten days.

Light the brooder on the 20th day, first having it thoroughly cleaned and the floor covered with chaff from the barn. Be sure to have it warm enough as the chicks are very easily chilled. Have nothing about the brooder that the chicks can eat as they will peck at most anything as they are not very wise when only a day old. Careful attention to every little detail is necessary to be successful with artificial incubation.

Here is a good feeding method from the time the chick is hatched until maturity. From first day to sixth week, twice a day a grain ration of 2 lbs. finely cracked corn, 3 lbs. cracked wheat. Up until 21st day three times a day a moist mash composed of 4 lbs. rolled oats, 3 lbs. corn meal, 3 lbs. wheat middlings, 6 lbs. wheat bran, 4 lbs. sifted beef scrap, 2 lbs. alfalfa





Ideal Aluminum Leg Band

To Mark Chickens

CHEAPEST AND BEST

12 for 15c; 25-20c; 50-35c; 100-60c; 175-\$1.00; 500-\$1.10; 500-\$2.50. Price list and sample 2c.

Frank Myers, Mfr., Box 50, Freeport, Ill.

meal, ¼ lb. bone meal, ¼ lb. fine charcoal. Mix with skim milk or butter milk and feed in shallow trays and just what they will clean up. From sixth week to maturity a grain ration of 2 lbs. cracked corn and 2 lbs. whole wheat. From 21st day to maturity a meal composed of 1 lb. rolled oats, 1 lb. cornmeal, 1 lb. wheat middlings, 1 lb. wheat bran, 1 lb. sifted beef scrap, ½ lb. alfalfa meal, 2 ounces fine charcoal, fed dry in hoppers.—F. C. Batteiger, in Poultry Keeper.

WHAT IS FAKING?

This is the subject upon which I have been loth to express myself, but I can say in a few words what comes to the surface in my mind in regard to all this talk about feeling. There is no one more than I who has been in the business as long as I have, both as an exhibitor and a judge, who would like to see an entirely clean sheet in the matter of show preparation, entirely free from even the appearance of faking. But where are you going to draw the line?

In other words, where is the line drawn today, taking 90 per cent of the representative breeders as exhibitors, many of them judges themselves, ask them how they looked at the matter of show preparation when they first entered the show arena?

They will practically all tell you the same story, which is that they made up their minds at the same time to exhibit their stock strictly upon its merits and entirely without preparation, except the washing of the mud from their shanks and feet. They did not believe in pulling off colored feathers at all, would not think of such a thing. After one year's experience in the show room, they decide to pluck a few dead feathers which had not moulted out. Another year they listened to some of the veterans tell about getting rid of all of the black feathers in Barred Rocks. They became somewhat surprised, but when they became convinced that it was absolutely essential to success, they reluctantly took to the practice.

Finding an otherwise surprising specimen in quality, with one little insignificant sprig of a feather between the toes, they promptly remove it and the specimen goes to the show room to win.

Things which at first gave our friend a twinge of conscience to do are now done without a tremor. In the course of two or three years this exhibitor can prepare his stock for exhibition as successfully as any of the veterans.

The question comes up like this: Is it right to try to make a new, ignorant exhibitor believe that he should not attempt any of this preparation? That is faking. It is morally wrong to keep him in such ignorance as long as you can in order that you may be able to win him over by your sharp and experienced practices.

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HAPPY HENS EARN BIG PROFITS

Keep your hens happy and laying by keeping them free from profit killing lice and mites. Equip your laying houses with

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These wonderful, sanitary, patented nests can't get out of order, last a life time and earn their cost many times over. Regular price, \$3.50, set 6 nests—special introductory price, \$3.50; 3 sets, 18 nests, \$10. Write for our free catalog, Galvanized Steel Brood Coops with Runs, Chicken Feeders, etc. KNUDSON MANUFACTURING CO., Box 487, ST. JOSEPH, MO.

ROCKS

PARTRIDGE

Silver Penciled

Golden Barred

Madison Square Garden CHAMPIONS

1906-7-8-9-10-11

HILLCREST FARMS -:- Free Catalogue -:- OAKFORD, PENNSYLVANIA

Write For Our 1913 Catalogue

Containing our mating and price list. We are breeders of BLACK AND WHITE ORPINGTONS, S. C. WHITE AND BROWN LEGHORNS, WHITE PLYMOUTH ROCKS, WHITE WYANDOTTES, WHITE INDIAN RUNNER DUCKS, BUFF ORPINGTON DUCKS. Ours is the quality farm. A good place to secure foundation stock or put new blood in your old flock. Try a setting or two of eggs from us, from the variety that appeals to you most. Satisfaction guaranteed. Some stock for sale. Write us your wants.

SOUTHERN STATES DUCK AND POULTRY FARM - - - COLLEGE PARK, GEORGIA



S. C. BROWN LEGHORNS


FOR SALE—Single Comb Brown Leghorn Yearling Cocks, Yearling Hens, Cockerels and Pullets. Something that will make good breeders. They are from the old Show stock. Circulars FREE.

M. S. COPELAND, Route 1, POWELL STATION, TENN.

One of two courses should be adopted: Either the whole practice of preparation should be abolished, further than the simple washing and cleaning of the specimen, and the matter rigidly enforced at all shows at all times (a thing hard to do), or else the practice of modern methods of show preparation, including the pulling off of colored feathers and removing of stubs from shanks, the use of bleach on the plumage, and butter color on the legs, and like accessories, should be recommended openly and above board, so that the man or boy new in the business would stand on as equal footing with the veteran as possible. They should be adopted by and included in the show rules of the American Poultry Association. A line should be drawn and on the other side should be specified the objectionable preparation, considered faking, to be such as splicing, coloring of ear lobes, etc. I should like to see the former obtain, but can see how much more easily the latter could be obtained. Justice should be done. In other words, let the admission fee be the same to all.—F. J. Marshall, in Atlanta Georgian.

The 200-egg hen is desirable as an inspiration to greater efforts, but as yet she is not common among even the most productive flocks. A 120 to 150-egg hen is a good one to breed from and many are of the opinion that she is a better breeder than the hen with greater egg records.—Successful Poultry Journal.

A chicken takes naturally to having food handed it, but the turkey is almost self-supporting until cold weather comes.



Breed These Money Making Rhode Island Reds.

Specialize on Anderson's Famous Strain Single Comb Rhode Island Reds. Great layers. Heavy and meaty. Fine, well shaped birds. Very hardy strain. Greatest fowls for utility or show purposes. Guaranteed winnings. Winners of more and higher awards than all my competitors combined at three leading Southern shows last season. Send for free illustrated booklet.

E. F. ANDERSON, Clinton, Miss.



# SECRETARY'S ENTRY BOOK

A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality paper and handsomely bound. Our simple labor-saving system of special indexing is a feature that adds much to the book and affords a great saving of time in making entries. 50 Leaves \$1.00; 100 Leaves \$2.00. : :

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Knoxville, Tennessee

RICHARDSON'S ROSE COMB

## RHODE ISLAND REDS

MADISON SQUARE, BALTIMORE, PITTSBURG, HAGERSTOWN WINNERS  
I won silver cup for best hen in show, at club meet in Pittsburg. Did you ever hear of a Red Hen making that win before? Also minor prizes.  
At Baltimore, first pen and minor prizes. Write your wants. Catalog.

M. C. RICHARDSON, Jr. :- FRONT ROYAL, VIRGINIA

Member Red Clubs and A. P. A.

## Rose Comb Reds--White Runner Ducks

EXHIBITION AND EGG PRODUCTION OUR SPECIALTY.

If you want to start right or improve your stock, get our blood lines. Results will please and prices will surprise you. Drop us a card and receive our 1913 catalogue with our winnings, prices and methods of doing business.

MRS. H. R. NUSZ & SON :- Box 301 :- CECILIAN, KENTUCKY

### ANOTHER SOLUTION OF BOWEL TROUBLE.

One of the most serious problems that has confronted the poultry raiser for a good many years is the frequent development of bowel troubles in the newly hatched chicks and while it has occasionally been traced to heredity, it has been proven beyond question that 95 times out of the hundred such troubles have resulted from some unnatural condition that existed either in the hatching device or the brooder.

We all know that sudden changes in the temperature of a brooder will produce bowel troubles and as a result of that knowledge much attention has been paid to the construction of a brooder with a view of preventing such changes of temperature that might prove harmful, but most of us overlooked the fact that unless those same sudden changes are guarded against before the chicks enter the brooder, all our efforts to prevent those bowel troubles will go for naught.

I have before me a copy of the 1913 catalog of The Buckeye Incubator Co., in which they claim that fully 90 per cent of the bowel troubles in newly

hatched chicks are caused by the sudden change of temperature to which the chicks are subjected right in the incubator, when they drop from the egg tray into the nursery.

The Buckeye Co. claim to have tested the temperature of the egg tray and nursery in most of the incubators on the market and found a difference of anywhere from 10 to 20 degrees between the two trays, and if these figures are correct, I can readily understand why so many chicks develop bowel troubles just as soon as they leave the incubator.

The Buckeye Co. claim to have built incubators with nurseries and without nurseries for a number of years and in the course of many experiments they proved beyond question that the chicks which remain right in the egg tray, where the temperature remains the same from the time they are hatched until they are put in the brooder, will invariably show more strength and vitality than the chicks which are hatched in an incubator with a nursery attachment, where they are subjected to a change of anywhere from 10 to 20 degrees immediately after they are hatched.

This argument appears to me to be thoroughly sound logic, because we all know that a chill right at hatching time must be detrimental to some degree at least, and even though it may not be fatal, it must reduce the vitality and leave the chicks in a weakened condition.

As a result of their experience The Buckeye Co. have eliminated the nursery attachment from their incubators entirely and they claim that the machines they are now building will produce absolutely healthy chicks with more size and vitality than can possibly be produced when the nursery is used.

I have noticed during the past few years that a number of incubator manufacturers have been so constructing their egg trays that the chicks may be confined there without dropping into the nursery and I am inclined to the belief that the nursery has only been continued because it was customary to put there, and I for one, am glad to see The Buckeye Incubator Co. make a move in the right direction for I am convinced that it will only be a short time until the nursery, as we know it, will be a thing of the past.

I believe this subject worthy of the serious consideration of every poultryman and would suggest that every reader of this article send to The Buckeye Incubator Co., at Springfield,



Fowls that are getting more popular with up-to-date Poultrymen.



# TAR HEEL BUFF PLYMOUTH ROCKS

BRED TO WIN AND BRED TO LAY

Winning in seven leading Southern shows in 1911, 1912 and 1913, more than twice as many first prizes as all competitors combined. Won 23 out of a possible 34 firsts

Recent Winnings: Augusta, Ga., 1912—1st, 2d and 4th cock; 1st, 2d and 3d hens; 1st and 2d cockerel; 2d, 3d and 4th pullets; 4th pen. Atlanta, Ga., 1912—5th cock; 2d and 3d cockerels; 1st, 2d and 4th pullets; 2d and 5th pens. Charlotte, N. C., 1913—2d cock; 1st, 2d and 3d hens; 1st cockerel; 1st, 4th and 5th pullets; 2d pen; specials.

Eggs for sale, \$3.00 per 15. Mating list and catalogue now ready.

**J. G. ASHE, BREEDER -:- RALEIGH, NORTH CAROLINA**

Ohio, for their catalog and at least read their argument on this most important subject.—Wm. H. Jones.

## THE NECESSITY FOR SPECIALIZING.

There are many men of many minds and many fowls of many kinds, which is all right, unless one man possessed of only one mind attempted to keep many fowls of many kinds, when he finds he is nearly keeping the fowls instead of the fowls keeping him.

This is the age of specializing along all lines of industry, and this is just as truly the better plan with poultry, as it is with any other line.

The shoe manufacturer has found the product of his factory can be turned out much cheaper and yet give the wearer a much better article, by placing the work in such a way that from ten to fifteen persons work on each pair of shoes, one man may cut a piece of leather and pass it on to another, simply doing that one part in the production of each pair of shoes, but by specializing on that one piece he becomes so proficient that poor material can not pass him and a poorly cut piece is never placed in the final product, because each man has his own part so distinctly fixed in his mind. There is sort of a mental picture before him to be used as a guide, in fact a "Standard of Perfection," if you please.

Now if these heads of great manufacturing establishments have found one man can only carry one perfect idea, or mental picture at a time, how can we expect to carry several distinct breed standards at one time?

The writer had occasion a short time ago to visit a poultry ranch where two distinct breeds were being kept, and there noticed the tendency to slight the things that were supposed to be distinctive features of each breed and should have been the first points noticed when mating these birds for the production of high-class show stock.

For an example, one of these breeds should have pure enamel white ear lobes, the other one-third positive white would disqualify; still if you were to take the ear lobes of these two breeds as mated up there, you could not tell "which from tother," and also the shape and carriage should have been distinctly different, but there were birds in each pen that should have been in the other if we were mating for breed shape.

So we find the mental picture of each breed has become so blended with the other in this breeder's mind, defects do not stand out prominently,

Rose Comb

**RHODE ISLAND REDS**

Single Comb

Prolific winter layers. Largest eggs. Won fourteen firsts in South's best shows this season, three firsts at Charlotte, N. C., the Madison Square show of the South; won firsts in three States, under six judges. Won State club cup for best display. Many club ribbons for shape and color. Winners for years. The breeding behind counts. Catalog free. "How to Feed" for stamp. Stock; best eggs, \$3.75 per 15. I guarantee satisfaction.

MRS. J. C. DEATON, LANDIS, NORTH CAROLINA

Red Fancier 9 Years. Member Executive Committee State Branch R. I. Red Club

White, Black and Buff

**WYANDOTTES**

Fishel's, Site's and Sanborn's strains direct. We won this season, out of 21 entries at Winston and Morganton, N. C., Shows, 9 firsts, 5 seconds, 2 thirds and 1 fourth. Best eggs, \$2.00 per 15. Are worth more. Satisfaction guaranteed. J. A. DANIEL, Mocksville, North Carolina.

BARRED PLY. ROCKS=

**WHITE ORPINGTONS**

**S. C. RHODE ISLAND REDS**

Eggs for sale from the big 3 breeds. Stock better than ever and eggs reduced to \$1.50 per 15. I can make good money by selling eggs at 10c each, so have added to my stock and reduced the price to 10c. Had rather sell all I get at \$1.50 per setting than to sell only a few at \$2.50 and \$3.00. Can ship by Parcel Post if so desired, cost to be added to price of eggs.

**D. R. JAMES, Jr. -:- WHITE STONE, VIRGINIA**

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New York, July 9, 1913.

Mr. Clayton I. Ballard,

Nola Chucky Poultry Farm,

White Pine, Tenn.

Dear Sir:

We beg to inform you of the arrival of 1 coop live ducks

marked addressed

per S. S. Cedric from Liverpool

consigned to us for your account from G.H. Fletcher & Co.

Amount of charges, \$15.14 have been taken forward. Our bill attached.

Goods will be forwarded via Adams Ex. as soon as landed from the ship. Receipted ocean freight bill attached.

Hoping to be favored with your further shipments and assuring you they will have our prompt and careful attention, we remain,

Yours very respectfully,

P. H. PETRY COMPANY,

Enclosures. per FMK.



# Single Comb WHITE LEGHORNS

1912—WINNINGS—1913

MECKLENBURG FAIR—1st pen; 1st, 2d hen.

LINCOLNTON—1st, 2d cock; 1st, 2d, 3d hen; 2d, 3d pullet; 2d pen.

No stock for sale. Eggs \$1.50, \$3.00, \$5.00 per 15.

SHELBY—1st pullet; 2d, 4th hen; 2d, 3d cock; 5th pullet; 2d pen.

CHARLOTTE S. E. P. A.—3d hen; 2d, 3d pullet; 4th pen; American Leghorn Club's silver cup.

ADAM FISHER

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CHARLOTTE, NORTH CAROLINA

OWEN'S FARMS STRAIN

## WHITE WYANDOTTES—BUFF ORPINGTONS

A few ORPINGTON pullets for sale; also, cock that won 1st at Spartanburg Fair, Chester, S. I. P. A., Atlanta, and best cock in show, Abingdon, Va. Won Abingdon, 3 entries, S. C. W. Leghorns, 2nd cockerel; 1st, 3rd hen; best hen Med. class. At Spartanburg, 4th cock; 2nd cockerel; 1st, 2nd, 3rd, 4th hen; 1st pen; 1st display; Pres. cup; best pen in Med. class, 91 Leghorns in line. Write for prices on stock and eggs.

C. W. ANDERSON

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SPARTANBURG, S. C.

## SINGLE COMB WHITE LEGHORNS

SINGLE COMB BLACK MINORCAS and COLUMBIAN WYANDOTTES

Our birds are winning the Blue at the leading shows. We have one of the greatest laying and early maturing strains of S. C. White Leghorns in the South. We are booking orders for eggs now. Minorcas and Wyandottes, \$3.00 and \$5.00 per 15. Leghorns, \$1.50 per 15. Place your order now. A few good breeders for sale.

MOUNTAIN VIEW FARM, D. R. McBRAYER, Mgr., MOORESBORO, N. C.

causing sort of a "let her go as she looks" mating, and when the young from these matings mature, if they do not "let them go" (to the butcher), it will be a miracle, as else they will have a fine bunch of "scrubs."

Would it not be much better to specialize on one or the other of these breeds, and produce fowls true to type and uniform in color?

Even if one expects to produce only market poultry and eggs, pure bred fowls will bring more money and satisfaction, especially if they are uniform in color and type.

Eggs from different breeds are different colored and if mixed will present an appearance that would detract the value even though the quality was "A-No 1." It is especially easy to start with one breed or to work into one breed even though we may be keeping mixed stock, because we only need one set of fixtures, one house, one run and one method of handling the fowls; in fact, we become specialists of that one breed. There are very few poultry plants that become well known and have a "world-wide" reputation except those specializing on one breed.

If we are going into the poultry business to win, and have the stock keep us, instead of us keeping the stock, the only sure way is to be specialists and "boost" our own breed and get the "boosts" as we have before mentioned and there is no reason why we cannot build a business in the mountain states equal to any of those, such as Fishel, Kellerstrass, or any of the specialty farms, that have built their business by keeping just one breed and having their name connected with that breed every time the subject of that breed is brought up.

There are so many breeds of fowls and of such a variety of colors that we can all suit our particular mind's picture when we select our breed, and this selection will prove all the more satisfactory if we have some definite aim regarding the utility points of the breed of our selection, thereby specializing several ways on one specialty of the poultry business.—Frank Potter, Pueblo, Colo.

### THE "LITTLE LANDERS" AT THE EXPOSITION.

San Diego—"An acre of ground and a living" is not a joke in Southern California, and the management of the Panama-California Exposition at San Diego in 1915 proposes to prove

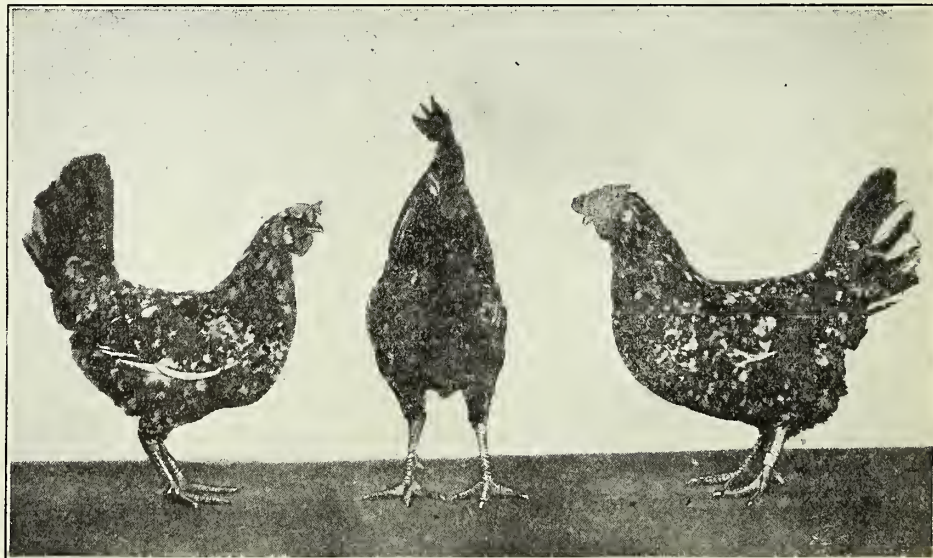
it to the satisfaction of every "Missourian" or others doubting Thomas. One of the unique and interesting places of the exposition will be that section devoted to the "Little Landers."

A tract, a dozen of which might be found within Balboa Park, has been set aside for this demonstration. There the visitor will find "farms" of one, two and three acres in extent, each with its home, its dependent family, and these families will be living there just as thousands of small home owners in this State are living with no other source of income than from the tiny patch of land. While residing in the heart of the exposition grounds, they will be as entirely dependent upon the resources of these little tracts as are the many families in the State having no other resources than their insignificant land holdings.

Such "Little Landers" are found all over California. They constitute the business backbone of many communities. It is a part of the business of the San Diego exposition to show what man can do when he applies brain and sinew to natural resources, not only in California, but anywhere in the United States and other countries where humanity is making progress.

When you come across a poor layer, wring its neck.

Weed out and get rid of all unprofitable members of the poultry flock.



A Trio of Beauties.





# BURGIN'S "SPECKLED BEAUTY" STRAIN SILVER SPANGLED HAMBURG

"WIN THE BLUE AND LAY EGGS TOO." A "Clean Sweep" at Columbus, Ga., Dec., 1912. 1st cock; 1st, 2d, 3d, 4th, 5th hen; 1st 2d, 3d, 4th, 5th cockerel; 1st, 2d, 3d, 4th, 5th pullet; 1st 2d, 3d pen; also Gold Coin for best display. At Southeastern Poultry Show, Charlotte, N. C., Jan., 1913, I won 1st pen (no singles entered). My birds have correct comb and type with spangles to burn; all of my prize winners are in my breeding pens and I will supply you with eggs from my best matings at \$2.00 per 15; \$3.50 per 30. A few fine cockerels for sale. I also breed Fawn and White Indian Runner Ducks; won 4 prizes out of 5 entries, Columbus show. Eggs, \$2.00 per 12. Send me your orders. Satisfaction guaranteed.

2 of Burgin's Young Roosters    **JOE S. BURGIN**    :-    :-    **ELLERSLIE, GEORGIA**

**COMBATING FOWL CHOLERA.**  
Fowl cholera is an acute, highly contagious disease, affecting especially the intestines, lungs, liver and spleen of nearly all poultry, manifesting itself by very high fever, accompanied by yellowish diarrhoeal discharges usually terminating fatally as a result of internal hemorrhages. The first appearance in a flock is likely to be sudden.

The disease is generally introduced upon a farm or in a locality with new birds for improving the flocks or with eggs for hatching.

The earliest indication of the disease is a yellow coloration of the urates or that part of the excrement which is excreted by the kidneys. This in health is pure white.

Very soon after the first symptoms appear the diseased birds separate themselves from the flock. They no longer stand erect, the feathers are roughened or stand on end, the wings droop, the head is drawn down toward the body, and the general outline of the birds become ball shaped. At this period there is great weakness, the birds become drowsy, and often sink into a deep sleep which lasts during the last day or two, and from which it is almost impossible to arouse them. In most cases there is intense thirst.

The practical recommendation for an outbreak of fowl cholera is to kill and burn all sick birds and confine the well ones to small runs. Disinfect these runs and the houses daily. The best way to do with a flock which has been infested with cholera is to dispose of the whole flock.

Preventive measures are always the most satisfactory. The careful poultryman will guard his flock by methods of quarantine, disinfection and cleanliness. All birds should be fed in such manner as to keep them in the best of health.—Geo. C. Morris, in American Poultry Advocate.

Grow mangels. They make excellent green food for winter feeding. The food of a fowl must be composed of vegetable, mineral and mineral matter. There is not so much of the fattening property in white corn as there is in the yellow variety.

By all means do not forget to supply the stock with clean, fresh water. They need it at all times.

The effect of meat rations was tested at the West Virginia Experiment Station, where one pen of fowls received a ration largely of corn and other starchy grains, while another pen was fed partly on meat and fresh bones. The meat-fed fowls laid 7,555 eggs, while the grain-fed birds laid 3,431, or less than one-half as many as

# Do You Want to Learn?

Say: Do you want to learn of U. R. Fishel's experience with **WHITE RUNNERS**? Do you want to read what Valentine, Lingo and others say as to the origin of this wonderful fowl? Do you want to know the opinion of Patton and Valentine on the Standard for White Runners? All this and more is in the first annual catalogue of the **NATIONAL WHITE RUNNER DUCK CLUB**. It is the first and most complete book on **WHITE RUNNERS** ever printed. There are articles by Fishel, Valentine, Eshbach, Lingo, Patton, Prof. Beeson, Hermitage Farm and others. Price of catalogue is 50 cents. Free to members. Membership fee \$1.00 per year. Address

**O. O. RAY, Secretary-Treasurer, KIRKWOOD, GEORGIA**

HIGH-CLASS

LINE-BRED

EXHIBITION

## BARRED PLYMOUTH ROCKS

We have our pens mated and will be ready to deliver eggs for hatching after February 1st. We have the finest lot of birds we have ever produced. Every male heading our cockerel matings a winner. Every female in our pullet matings a winner. Our cockerel breeding females and pullet breeding males are simply grand. **THEY ARE MATED RIGHT.** They have won for us, they will produce winners for you. Write us and let us tell you more about the greatest all-purpose fowl on earth. We guarantee satisfaction. Give us a trial.

### WOLF CREEK POULTRY YARDS

M. H. SMITH, Prop.    :-    Box 242    :-    ABINGDON, VIRGINIA

# LANSDEN'S FAMOUS REDS

Everybody interested in **GOOD REDS** knows **LANSDEN** and his **REDS**. They know he knows how to mate them to produce the goods wanted. He has his pens mated and is now ready for your orders for eggs from the strongest blood lines of **REAL RED TYPE** and color so hard to get. Write him at once before placing your order. His **RED** talk is worth the writing.

## H. B. LANSDEN, Red Specialist, MANCHESTER, TENNESSEE

Licensed Poultry Judge. 22 years in the business. That's some.

those receiving the nitrogenous ration. The eggs from the meat-fed fowls were larger, much firmer, rather better, and produced far more vigorous chickens than those of the others. Both lots of fowls remained in a healthy, vigorous condition.—American Poultry World.

Some one back in the dark ages decided that eggs while being saved for hatching ought to be turned daily. Since that time the advice has been copied many times, both plain and with trimmings. As a matter of fact, eggs that are being saved for hatching are better let alone. Don't turn them at all. The more an egg is handled the

less it is likely to yield good results. Simply place your hatching eggs in a box or basket in a cool, clean-aired room and let them alone until ready to set them. After incubation is well started, say, 36 to 48 hours after placing them in the incubator, the eggs will need turning twice a day. Rolling them around is perhaps a better term than turning, for that is what should be done. After the first week or ten days the rolling around may be done oftener than twice in twenty-four hours with good results. If the eggs are under a hen you won't have to worry about it, for she will do all the egg rolling necessary.—Prince T. Woods, in A. P. Journal.



# Hurrah! Hurrah!! McDANELL'S GOLDENS Win

At the Great Pittsburgh GOLDEN WYANDOTTE show of the world. The boys were all there but McDanell's Goldens picked the blue plums. 1st and champion male; Gold plaque for best cock; \$50.00 club show cup for best display. (Most points.) 1st pullet, 1st pen and handsome cup. Let me tell you what I have for you in stock and eggs. See also Chicago and Louisville winnings. OLD HOMESTEAD FARMS J. H. McDANELL, Prop., Warsaw, Kentucky.

## ROBERTS' FAMOUS S. C. RHODE ISLAND REDS

My flock was founded 6 years ago with the Swamp Fox and Red Cloud Strains, the birds that have won more prizes than all other strains combined in the South. By careful selection and proper mating I have produced a HEAVY WINTER LAYING STRAIN OF REDS, having gotten 672 eggs from my prize pen of 12 hens from January 1st to April 1st, 1911; and right now, in mid-winter, I am getting at the rate of 240 eggs a year per hen; and Brother Fancier, they are able to get in the show-room in the hottest competition and come out in the front ranks. Have won everything in their class wherever shown. Insure yourself as a Red Breeder by founding your flock with **Roberts' Famous Utility Show Reds**. Eggs \$1.00 to \$5.00 per 15; two-third hatch guaranteed or will replace setting at half price. Fancy birds at \$2.00 to \$50.00 each. All my birds are shipped on approval. Yours for a Square Deal.

L. D. ROBERTS · · · R. F. D. No. 1 · · · WOODLAND, MISSISSIPPI



## S. C. White Leghorn Bantams and White Wyandottes

Our birds are of the CHOICEST BREEDING and their SHOW RECORD proves their HIGH QUALITY. We are offering most of our last season's winners at most REASONABLE PRICES. Eggs, \$5.00. Every bird guaranteed to please or money CHEERFULLY REFUNDED. Write for prices.

Monte Vista Poultry Yards, Greenville, S. C.

## WHITE PLYMOUTH ROCKS--The Quality Kind S. C. RHODE ISLAND REDS--Mottled ANCONAS

With the VERY BEST breeding back of them. Winners of many firsts at Charlotte, Shelby and Morganton, N. C. shows. Eggs, \$2.00, \$3.00 and \$5.00 per 15. Stock for sale. Satisfaction guaranteed. Write me

WHITE OAK POULTRY FARM, THOS. WHISNANT, Jr., 409 Tenth Ave., CHARLOTTE, N. C.

### WINTER EGGS UNDER DIFFICULTIES.

How I succeeded in getting 380 eggs from twenty pullets during the month of January may be of interest to some less successful, and I herewith give my experience.

Much of what I may say may be stated in a crude way, but as this is the first time I have ever written upon any subject for publication, I must ask the readers to take this into consideration when reading this article. The chickens were hatched on May 24th, 42 of them, and put into coops with three hens to mother them. They had the run of my garden for four weeks. Then my difficulties commenced. My boy saw a rat after his Bantams, which made me think I had not counted the chickens for a week. I counted up and found eight missing, so I built a pen for each coop two feet high and 15 feet long, of boards, made tight, and covered the top with poultry net-

ting, and put the chicks in them and did not lose any more. I kept them in these pens for over two months. They were crowded in there and as a result the ground soon got foul, and after every rain muddy, so had to be cleaned often. After cleaning, I scattered air slaked lime inside, then sand or coal ashes, and kept them in fair condition. I had to do this because I could not move them to fresh ground, as it was all occupied with crops that I did not want to lose.—Observer, in Poultry News.

Don't believe all the nonsense you hear about cold water drinking, snow eating and getting the feet wet causing a check in egg production. For centuries a lot of folks have been so afraid of getting feet wet that they have been afraid to keep their own sufficiently well washed. Wet feet won't stop a hen from laying if she has a comfortable home and is well cared for. Ours run in winter when

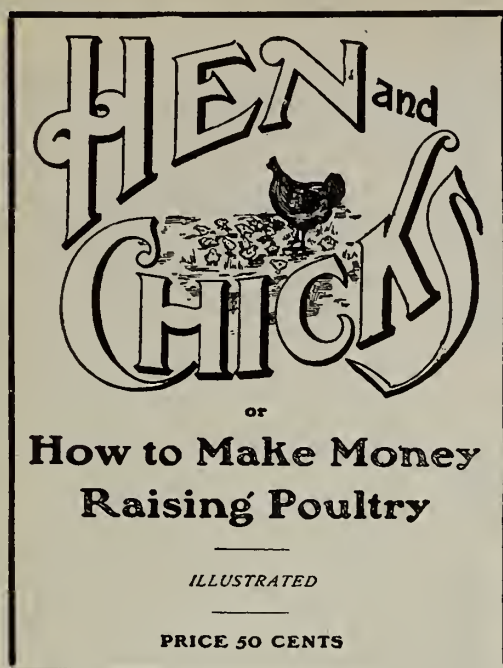
they want to unless there is a long spell of wet and slop and then we keep them shut in, not to prevent foot wetting, but to keep dirty, wet feet from soiling the eggs. We have never known cold water drinking or snow eating to check egg production. Fowls in open-front houses don't let weather conditions bother them much. Most of their troubles never happen. Usually ours put in a record-busting egg yield when we get sudden changes to colder weather. That is the opposite to what we often read about the effect of sudden cold snaps, but nevertheless it is fact.—Dr. P. T. Woods, in A. P. Journal.

Prices for eggs this winter have surely been good. Grain has been lower than for some time, yet we have met few poultrymen who have seen much profit from November and December eggs. The pullets that were hatched largely after the middle of April did not come to laying maturity before December first and many of them not until the Christmas holidays. The few early pullets did the most of the laying in late autumn and early December. Yearling hens, with full plumage, laid the fewest eggs we ever knew. The lesson is one that we should study; the getting of early winter eggs. It means that we must hatch before the last of April if we are to get any considerable number of eggs in autumn. In these January days we must get busy with early hatching plans. We must have some hatching arrangement ready by the last of next month—if not broody hens, then a good incubator. The breeding pens must be mated and kept in breeding condition, from now on till the end of April. In some way we must get our share of egg money another season.—The Poultry Keeper.

### ADVANTAGES OF ONE BREED.

If one has a large number of fowls, all of one breed there is a saving of fences and space, as there will be no danger of contamination should they be allowed to run at large. The uniformity of the flock in color, size and general characteristics lessens the labor required, as one can more easily understand how to manage, for breeds differ, and the best mode for one may not be suitable for another. Better prices can be secured when a coop of chickens is sent to market containing a uniform lot, and the eggs from hens of one breed will be more uniform, also. When two breeds are kept, they will soon become mixed and cross-bred, as it is almost impossible to keep them separated, the result being that the breeds will degenerate into scrubs. As we have before stated, just as soon as the farmer or poultryman begins to cross pure breeds his flock becomes destroyed. There is no necessity for crossing or keeping two breeds.—Ex.





# HEN and Chicks

## The New Illustrated Book on How to Make Money Raising Poultry

Contains over 300 pages, with something of intense interest and value on every page. Gives actual everyday experiences of hundreds of successful breeders. Contains hints and suggestions on matters relating to feeding, housing, care and management of poultry of all kinds and all ages. Thoroughly practical. Articles written from actual experience. Nothing technical about it. Nothing hard to understand. Just the sort of information that one practical poultryman would give another. No use experimenting. Profit by the other fellow's experience. "HEN AND CHICKS" tells how. Everybody that gets it endorses it. Nearly a hundred handsome illustrations.

### WORTH \$5.00 TO ANYONE INTERESTED IN POULTRY KEEPING

"HEN AND CHICKS" is not theoretical, but intensely practical, and in no other book can the beginner find all the information that one MUST have to make a success with poultry. The first edition of one thousand copies sold in a few weeks, and the sale of the second edition of two thousand copies has been phenomenal. The book is sold on a positive guarantee, without a single dissatisfied customer. You must be perfectly satisfied, or we insist that you return the book by mail at our expense and we refund the purchase price to you.

"HEN AND CHICKS" has proved the sensation of the age in poultry book selling. Every chapter, every page, every line was written by men who know poultry raising, who have reached the pinnacle of success through long years of trial and discouragement; and these men are giving to you through the pages of "Hen and Chicks" experiences of a lifetime, that enable you to enter the poultry business intelligently and succeed where others without the information found in this valuable book have failed.

### SPECIAL OFFER ON HEN AND CHICKS

The Industrious Hen one year and a copy of "Hen and Chicks," for 75 cents.

The Industrious Hen two years and a copy of "Hen and Chicks," for \$1.00.

The Industrious Hen three years and a copy of "Hen and Chicks," for \$1.25.

"HEN AND CHICKS" is printed on a good quality of book paper, is nicely illustrated and bound in paper, and sells for 50c per copy, postage prepaid. Money back if not entirely satisfied.

## THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

The poultry subject is receiving much more attention from the press than it did some years ago. The farm papers recognize the importance of this branch of the farming interests, and are giving it much more space and careful treatment than ever before. The fiction and literary publications are making it a special feature and in some cases devote a department to it in every issue, and others run timely articles in the winter and early spring issues. The great dailies in the large cities have in many cases opened up a regular poultry department, as they

have found their readers want it. They find by giving the poultry interest the attention it deserves that it is the means of increasing the advertising patronage put out by the large incubator and poultry supply houses, as well as the poultrymen offering stock, eggs for hatching and baby chicks for sale.—American Poultry World.

When you buy eggs for hatching bear in mind that no one can positively guarantee what the eggs will produce. The breeder mates his pens the

best he knows how; he should not sell eggs for hatching until he knows that they are running well in fertility. You buy the breeder's chances in those eggs. Presumably he has mated for best results to the best of his knowledge and ability. He sets a price on the eggs at which he is willing to let you hatch his chances in them. Don't ask or expect too much. From a single sitting you may get a bird that is better than any the breeder hatches at home, that is the time the chance you buy in the eggs wins for you.—Ex.



# SWADLEY'S PARTRIDGE WYANDOTTES



They have been bred in line for years. I have won more firsts than any other Southern Breeder. I am the first in the South to win over American, Asiatic, and English Classes on hens and cocks. On account of making room for breeding pens, I will give some rare bargains on cockerels to quick buyers. Cockerels, \$2.50 each; eggs, \$2.50 per setting of 15. Member and director of National Partridge Wyandotte Club. Reference Unaka National Bank.

**R. A. SWADLEY**  
JOHNSON CITY, TENNESSEE

## Specialty Clubs and Associations

As Reported by Their Secretaries

### Report of the National Black Langshan Club's Annual Meeting.

The National Black Langshan Club held its annual meeting at Chicago Dec. 16th, 1912. The report of the Secretary and Treasurer showed the club to be in a healthy condition. The election of officers for the coming year resulted as follows:

President—M. S. Barker, Thorntown, Ind; Vice-President—Wm. T. Blakely, South Pasadena, Cal.; Secretary-Treasurer—John A. Rhodes, Cedar Rapids, Iowa; Executive Board—R. W. Bishop, Guilford, Conn.; L. E. Meyer, Bowling Green, Mo., and R. A. Hewes, Crete, Ill.

The club has recently issued a catalogue, which will be sent free to all who ask for it. Please address the new Secretary. Mr. Rhodes is very anxious within the near future to enroll many more members. As there are many breeders of Langshans at the present time, whom the Secretary is unable to reach, he asks that all breeders send to him for application blanks which will be gladly furnished.

As there are many members of the club who, have the past year started other breeders in the Langshans, the Secretary asks all such members to put forth their efforts to try and induce these new breeders to become members of the club.

From reports received there has been large classes of Langshans at the shows this year. The future of the Langshan looks bright, if all the breeders will join the club and help the good work along.

**Black Orpington Club Catalogue for 1913.** The new catalogue now contains a list of well over 500 names, over 200 having been added during the year. Carl J. Carter, of Indiana, is the new president and Percy W. Cook, of New Jersey, is the new vice-president. The club is making splendid progress in nearly every state of the Union and those who want information on the breed would do well to send a 2 cent stamp for a copy of the catalogue to the national secretary, Milton W. Brown, Sta. L., Cincinnati, Ohio.

The fifteenth annual meeting of the Rhode Island Red Club of America was held at Pittsburg, Pa., Jan. 16th, 1913. There were twenty-eight members present, with J. W. Simmons in the chair. The Election Commissioner's report showed the following officers elected: Clifford C. Kaufman, President; Geo. F. Coffin, Vice-President; W. E. Card, Secretary; Extension Committee members: J. W. Simmons, Lester Tompkins, C. C. Loomis. The Constitution and By-Laws were amended, as follows: To revise and amend Section 4, Article 5.

"Resolved: That all officers shall be elected by ballot, except the Secretary-Treasurer, who shall be elected by the Executive Committee, and he shall be subject to dismissal by said Executive Committee at any time his conduct

THE FAMOUS DUMARESQ STRAIN

## Sicilian Buttercups

From Imported fowls—known all over the country, winners of many ribbons. First at Baltimore's Great show this year. Send fowls and eggs to Cuba, Canada and California with perfect safety and report good hatches. Testimonial of pullets laying in 124 days. Have filled hundreds of orders. Orders now booked. Send for circular. Address

**MRS. J. S. DUMARESQ, Cato's Hall, EASTON, MARYLAND**

Vice-President American Buttercup Club.

## BUFF WYANDOTTES WHITE

Again heavy winners, 1912-1913 winter shows at Chicago, Louisville and Insular Exposition, San Juan, Porto Rico. Line bred for exhibition and laying qualities for fourteen years. A grand lot of cocks, cockerels, hens and pullets for sale cheap for quality. We are now shipping eggs for hatching.

Utility pens, \$2.00 per 15; prize pens, \$3.00 per 15; special pens, \$5.00 per 15; Incubator eggs, \$6.00 per 100. Bred to lay S. C. WHITE LEGHORN eggs, \$1.50 per 15; \$5.00 per 100. Day-old chicks in any quantity from 25 to 1,000. Write today.

**POWER & CABLISH POULTRY FARMS, Box J, MAYSVILLE, KY.**

## S. C. BUFF LEGHORNS

(TECKTONIUS STRAIN) Prize winners at such shows as Appalachian Exposition, Nashville and Atlanta. Quality unsurpassed; prices lowest. Write for our mating and stock price list.

**BROOK LAWN POULTRY YARDS, Hoyal Johnson, Prop., BRUSH CREEK, TENN**

Life Member of American Buff Leghorn Club.

## A YOUNG MAN ARRESTED

Charged with burning the guard house in my home town, when asked by the Mayor, "Are you guilty or not guilty?" replied, "Try me and see." Am I guilty of breeding the best BUFF LEGHORNS and WHITE ROCKS? Try me and see. Everything trapnested; winners at the largest Southern shows. Satisfied customers from New York to Florida. Get my free catalog, read the "All-Wool" guarantee, then you'll send your order to the "Tar Heel" with a square deal. Try it and see.

**WOOLLEY'S POULTRY FARM :- Route 4 :- CHARLOTTE, N. C.**





## MONEY MAKERS

35 varieties. Chickens, Ducks, Geese, Turkeys, O. I. C. Hogs. Fine stock and eggs at low prices. Big illustrated circular and beautiful picture, 16 x 20, in colors, only 10c. Don't miss it.

JOHN E. HEATWOLE, HARRISONBURG, VA.

is such as to warrant his removal from office. Said Secretary-Treasurer must be placed under bond of not less than \$1,000 yearly with some reliable bonding company. Said bond premium to be paid by the Club."

It was resolved to adopt the following amendments:

Article VI. Section 1. The financial year shall end on the first day of May of each year.

Sec. 2. The membership fee shall be \$1.00, which carries the applicant's membership to the following May 1st; except where applicants join between the dates of March 1st and May 1st, they shall be given a membership card for the following calendar year.

Sec. 3. The annual dues shall be \$1.00 payable May 1st of each year for the ensuing fiscal year. Any member who has not paid his dues by the first day of June following shall receive a warning notice, and if his remittance is not received by August 1st the Secretary shall drop his name from the membership roll.

Sec. 4. April 1st of each year, the Secretary shall notify each member of the club that his dues are payable the first of the following month.

### THE NEW FERRIS LEGHORN CATALOGUE.

We have just received the new 132 page catalogue of Ferris' Improved White Leghorns, and it is the finest catalogue that has ever been published by any White Leghorn breeder.

Not only does it describe the famous Ferris Improved White Leghorns, but it contains more information of great value to every breeder of Leghorns than many books that are sold at good prices. The methods of feeding, of breeding, and of housing that are responsible for the remarkable quality of Ferris Leghorns are described in detail and will help many breeders to greater success. A new style of poultry house has been developed by Mr. Ferris that is sure to be widely used in the Northern states, for it is the most successful house for winter egg production that has ever been devised; and the catalog describes it fully.

The illustrations deserve mention also and show the modern character of the farm and the splendid quality of the stock. The quality of eggs, chicks and stock, and the generous guarantee given every purchaser, are explained in detail, as are the methods that have been followed in building laying and exhibition qualities.



ed in detail, as are the methods that have been followed in building laying and exhibition qualities.

Mr. Ferris is in position to furnish winners for the largest shows, for his stock is right up to the standard in every particular. What is still more important, all his breeders are trapped, and have been for 12 years, so that Ferris Leghorns are unequalled egg producers. Special attention has been given to producing winter layers.

This catalogue has cost several thousand dollars, and the information it contains makes it a bargain at a dollar a copy, but Mr. Ferris has decided to send it Absolutely Free. It is his desire to have as many of our readers as possible become acquainted with this most profitable breed, and we earnestly request you to write for a copy at once and learn more of the wonderful possibilities of modern egg production.

Address George B. Ferris, 920 Union Ave., Grand Rapids, Mich.



## Quintessent Anconas

Show Birds and Breeders for Sale. Winter Layers

Winners at Madison Square, Philadelphia, Baltimore and Elsewhere

H. E. PORTRUM

--

ROGERSVILLE, TENN.

## SINGLE COMB BUFF ORPINGTONS

My birds won 8 firsts, 6 seconds, 3 thirds, 2 fourths, 1 fifth and two specials at the following shows: Atlanta, Augusta, Memphis, Montgomery, Birmingham and Indiana State Fair. Write for catalogue. Eggs, \$2.50, \$5.00 and \$8.00 per 15.

L. A. BUZARD -- LAMISON, ALABAMA

## WHITE ORPINGTONS

I am offering to the public some of the grandest bargains of the day in my 1913 matings of WHITE ORPINGTONS. If it is Orpingtons of size, type and quality you are looking for, I have them. Won 1st hen and second pen in the hottest of competition at the big Birmingham, Ala., Show, December 10th to 14th, 1912; no other entries in this class made by me.

Eggs for hatching from my grand birds, \$3.00, \$5.00, \$7.50 and \$10.00 per 15.

FRANK RIDDLE -- City Court of Birmingham -- BIRMINGHAM, ALA.

BARRETT'S BLUE RIBBON STRAIN

## MOTTLED ANCONAS

Stock and eggs for sale at reasonable prices. Write for mating list.

L. M. BARRETT -- MORRISTOWN, TENN.

State Vice-President Ancona Club.

## Ben Lomond Farm's

"Leader" Strain of SINGLE COMB BLACK MINORCAS AND SINGLE COMB RHODE ISLAND REDS. Stock and eggs for sale.

J. T. RUTHERFOORD -- Rockcastle, Virginia

## Crystal White and Imported Orpingtons

I can furnish you eggs from choice females of low down, blocky type, red eye, low comb, fine color and low spreading tails, mated to males that are just as good, for \$4.00 per 15. Utility matings, \$2.00 per 15. Liberal discount on larger lots.

GEO. W. BARNES -- Box 340-E -- NORWALK, OHIO

South Takes Rank With Leading Breeders of The World.

It is a matter of intense interest and gratification on the part of both Southern and Northern breeders that the eyes of the poultry world have finally been opened to the wonderful growth and progress of the poultry interests in the Dixie States. It would now appear the bulk and cream of the business is no longer to be confined to those Northern and Eastern states which have so long enjoyed supremacy in this line

At the recent Madison Square Garden show the rise to prominence of Southern poultry breeding was interestingly exemplified by the success scored by the Orpington entries from Briarcliff Farm, Atlanta, Georgia. Mr. Asa G. Candler, Jr., proprietor of the farm, entered the show with a string of White, Buff, Black and Diamond Jubilee Orpingtons and his entries were awarded twelve ribbons, four of them being first in the most hotly contested classes. Mr. Candler's string was an unusually small one for a show of the importance of Madison Square Garden and it is to this that spectators and fanciers attributed the fact that he did not make practically a clean sweep.

Mr. Candler is one of the most enthusiastic of American breeders and Briarcliff Farm is one of the show places of Atlanta and one of the largest, most complete and most modern plants in the country. It covers more than forty acres of ideal land on the

The Industrious Hen can supply you with any Poultry Book published.

### MAPLE HILL POULTRY FARM

Mrs. FURMAN Proprietors Mrs. SKEENE

Breeders of G. M. B. Turkeys, "Ringlet" Barred Rocks, S. C. White Leghorns and R. C. R. I. Reds. We have won many blue ribbons on each of our breeds, and won the silver cup offered by the "Morristown Republican" at the recent Morristown show, for the exhibitor securing the largest number of points in the show. Stock and eggs in season. Write us your wants.

Route No. 1, Box No. 23, Morristown, Tenn.

### ENGRAVED CARDS

100 and Plate \$1.25

Postpaid

S. B. NEWMAN & COMPANY,  
Knoxville, Tenn.



## S. C. BUFF ORPINGTONS--S. C. BLACK MINORCAS

Now as the hatching season is beginning and you surely want to buy the best stock that you can get for the money, we will quote you a few of our winnings in four state fairs in competition with the large Eastern breeders.

In the SINGLE COMB BUFF ORPINGTON CLASS at the Nashville State Fair we won: 1st hen; 2d cock; 2d pullet; 3d and 4th cockerel; 3d and 5th pen; 5th cock. Also a special premium on the hen for being the best in the Fair.

At the Alabama State Fair we won: 1st cockerel; 2d cock; 2d hen and 2d pullet.

At the Mississippi State Fair, one of the largest ever held in Jackson: 1st cock; 1st hen; 1st and 3d cockerel.

At the Louisiana State Fair we won: 2d cock; 2d hen; 3d cockerel.

We have the nicest lot of SINGLE COMB BLACK ORPINGTONS which were not exhibited this year.

In the SINGLE COMB BLACK MINORCA CLASS, at the Alabama State Fair we won: 1st, 2d and 4th cockerel; 1st, 2d, 3d, 4th and 5th pullet; 1st and 2d cock; 2d, 3d and 4th hen; 1st and 2d pen. Also a premium for best display of Asiatics.

At the Mississippi State Fair we won: 1st, 2d and 3d cockerel; 2d and 4th pullet; 2d hen; 3d cock, and 1st pen. Louisiana State Fair: 1st and 2d cock; 1st, 2d and 3d cockerel; 1st, 2d, 4th and 5th pullet; 2nd hen; 1st and 2d pens.

This should be evidence that we have stock or eggs that you are looking for. We have the largest and best equipped poultry farm in the South. You do not have to go East for eggs for hatching season, taking chances on the climate, when you can get them just as good for possibly less money. All our stock are free range. They are up to the Standard in weight, type and color. Correspondence solicited. Day old chicks only when ordered.

**KENMORE POULTRY FARM** --: Maxey Lane and Gallatin Pike --: **NASHVILLE, TENNESSEE**

## H. L. D. HUGHES

DANVILLE, GEORGIA

Breeder of the best BLACK ORPINGTONS, RHODE ISLAND WHITES, RHODE ISLAND REDS, INDIAN RUNNER DUCKS, in Fawn and White, and White. Stock and Eggs for sale. 1912 Winnings as follows:

BLACK ORPINGTONS, Macon, 2nd pen, one entry; Savannah, 1st and sweepstakes, cockerel, one entry; Atlanta, 2nd cockerel, two entries.

RHODE ISLAND WHITES, 1st cockerel and 1st pullet, Macon, two entries; Savannah, 1st cockerel and 1st pullet, two entries; Atlanta, 1st cockerel and 1st pullet, two entries.

INDIAN RUNNER DUCKS, Macon, 1st pen Fawn and White, two entries; Macon, 1st pen White, two entries; Savannah, 1st pair Fawn and White, 2nd pair Fawn and White, 1st White and Sweepstakes, 3 entries; Atlanta, 2nd and 4th pullet and 4th hen, Fawn and White, 4 entries.

## WHITE ROCKS

My White Rocks were second in the White Rock class in the International Egg Laying Contest.

They are excellent show birds and will pay big dividends.

**J. C. NEFF, Richmond, Kentucky**

## HAYNIE'S WHITE ORPINGTONS

Are extra good winter layers. They have size, color and type. Prize winners in each pen. Satisfaction guaranteed. Eggs, \$5.00 per 15.

**J. K. HAYNIE**

**OPELIKA, ALABAMA**

environs of Atlanta and contains at all times upwards of thirty thousand birds.

Mr. Candler's farm contains more than fifty varieties or breeds of poultry, but his attention is mainly centered upon his magnificent Orpingtons. After them the farm is noted for its Single Comb White Leghorns and Mottled Anconas. His stock of birds is one of the most valuable in the country, including many pens and single birds imported from Europe at great expense, and the entire plant represents an investment of many thousands of dollars.

Briarcliff Farm is an excellent illustration of the importance attained by the poultry industry in this country and the rapidly increasing importance of the business throughout Southern sections.

In line with their recent victory at Madison Square Garden, and even more sweeping in the number of awards, is the magnificent achievement of Briarcliff Farm at Pittsburg, Pa.

At the time this article was received by wire the judging in all classes had not been completed and we are able to chronicle only the winnings in the White Orpington contests. In this class the Briarcliff entries won first, second, third and sixth cockerel, fifth and sixth cocks, first pullet, first and fourth pen. Mr. Asa G. Candler, Jr., proprietor of the farm, reports that indications all point to an equally sweeping victory for his Buff, Black and Diamond Jubilee Orpingtons.

At the four leading Southern shows this season Mr. Candler's birds swept all before them and rolled up a magnificent string of firsts, specials and sweepstakes. Briarcliff Orpingtons completely dominated their classes wherever shown.

### IMPORTANCE OF HAVING STRONG GERM HATCHING EGGS.

We have had some three years of experience with incubators but this last year's experience

was unlike the rest. We have an incubator and consider it the finest on the market. On February 22nd, 1912, we started the incubator with the kerosene lamps as usual and with sixty-one of our own eggs. The result was six weak chicks. At this time we were feeding no green food at all. We received a gas mantle and attached it to the incubator for the second hatch. This time we set 124 eggs and nineteen chicks hatched. This was an awful loss, as eggs at that time were 45c a dozen, but we set it again with eggs from hens fed sprouted oats and a variety of grain. This time we hatched 61 chicks from 122 eggs, just 50 per cent.

About this time we read in the poultry papers of a "Magic Egg Tester," the price for this being \$2.00. We sent for it and thought it was two dollars wasted, but we have never regretted it. We tested all eggs and kept none but those which registered above "X." This time we set 105 eggs; the incubator being run by gas, which I think is the finest heat for incubators as it gives a steady heat and does not have to be trimmed. About the 20th day the eggs began to crack and such a sight I never beheld. They were the finest, big, fat chicks I ever saw. Sometimes there were a dozen hatching at once. There seemed to be no end to it and when we counted them on the 21st day there were ninety-seven chicks. This fine hatch we attributed to the gas lamp, the Magic Egg Tester, plenty of moisture and plenty of green food for the hens. We turned the eggs twice a day and the third week three times a day.

We thought this was a matter of luck, so we set it once more and used the same method, and much to our surprise we received 98 chicks from 106 eggs. This was some hatching and if you could see the fine pullets I have this year you would think there was something in "The Magic Egg Tester," made by the Magic Egg Tester Works, Buffalo, N. Y. This year we are going to purchase another incubator about twice as large and start in the day-old chick business.

M. F. UPHOFF, New York.

Clean dust, not contaminated by fowls having wallowed in it for weeks, is the proper bath for the poultry house. It serves the same purpose to the fowls as the water bath does to human beings. Keep the dust bath clean by changing frequently.

If the droppings are allowed to accumulate in the poultry house for days at a time, there will surely be trouble in the form of sick birds. Many devastating diseases get a hold in a flock in just this way. Cleanliness is one of the cardinal principles in successful poultry keeping.



# Single Comb WHITE LEGHORNS Exclusively

"THAT'S MY BUSINESS"

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Greatest winners in the South. Superb Type, Superior Quality.

At the greatest show held at Madison Square Garden, Dec., 1911, our Ducks controlled the highest winnings. Our winnings include first cockerel, first pen, second pullet.

At recent Southern International Show, Atlanta, our Madison Square Garden first cockerel won first cock in the largest duck show in the world. This winning cock is, without doubt, the greatest White Runner in the world. These great birds, together with our other prize winners, place Jefferson's White Runner ducks far in the lead. At Chicago, Cleveland, and Savannah, we scored the top notch winnings. This record of winning in the most important shows in America has never been equaled by any other breeder.

Eggs from these winnings, \$5.00 per 12. Stock for sale.

## JEFFERSON POULTRY FARM

BOX 1. H. . . . . ALBANY, GEORGIA



**35 VARIETIES**—Chickens, Ducks, Geese, Turkeys, O. I. C. Hogs; money makers. Fine stock and eggs reasonable. Beautifully illustrated circular free. Valley Poultry Farms, Harrisonburg, Va. 105

**HIGHLAND FARM** Blue Ribbon Winners; ribbons galore, from Richmond, Lynchburg and Roanoke, Va., shows. We have large Stay White, vigorous cockerels for \$2 and \$5. Eggs \$2 per 12 from stock winning all firsts. If you are after good healthy fowls, we have them ready for shipment. Egg basket always full. Miss Louise Armbruster, Route 3, Bedford City, Va. 105

**EGGS**—S. C. Rhode Island Reds—Warhorse Pit Games; White Orpingtons (Kellerstrass); White Leghorns; Black Minorcas. Pen 1, \$2 per fifteen; pen 2, \$1.50 per fifteen. Eight years in business—better than ever. Phillips Bros. Poultry Yards, Bear Creek, Alabama. 105

**EGGS FOR HATCHING**, \$1.50 per setting—R. I. Reds, White and Buff Orpingtons and White Leghorns, all thoroughbred stock, heavy laying strains. Riverview Poultry Farms, Savannah, Ga. 107

**BUTTERCUPS AND S. C. REDS**—Stock and eggs. Satisfaction guaranteed. James Carmichael, Rogersville, Tenn. 108

### PIGEONS.

**MATED CARNEAUX AND HOMERS**—Mated Carneau, \$2.50 pair; Mated Homers, \$1.00 pair. Number banded and mating guaranteed. Geo. A. Collins, 511 Luttrell St., Knoxville, Tenn. tf

### TURKEYS.

**BOURBON RED** trios, \$10.00 up; non-related, \$12; toms, \$4.00 and \$5.00. N. R. Gullion, Vice President American Boubon Red Club, Sparta, Ky. 105

**WHITE HOLLAND TURKEYS**—Some very fine stock for sale. Get your order in early and get the choice. For information, address J. I. Edington, 16 Mkt. Sq., Knoxville, Tenn. tf

**MAMMOTH BRONZE TURKEYS FOR SALE**—Breeding stock mated from two best flocks in U. S. Mrs. Jas. F. Owen, Route 3, Athens, Tenn. 105

**MAMMOTH BRONZE TURKEYS FOR SALE**—Mrs. M. A. Walton, White House, Tenn. 105

**GIANT MAMMOTH BRONZE TURKEYS** for sale. Bred from the Middleton Stock Farm. Eggs, \$3 per eleven, in season. Fancy Meadows, Straw Plains, Tenn. 105

**FOR SALE**—Another fine flock of Giant Mammoth Bronze Turkeys of prize winning blood. Mrs. J. H. Odom, R. 1, Niota, Tenn. 105

### MISCELLANEOUS.

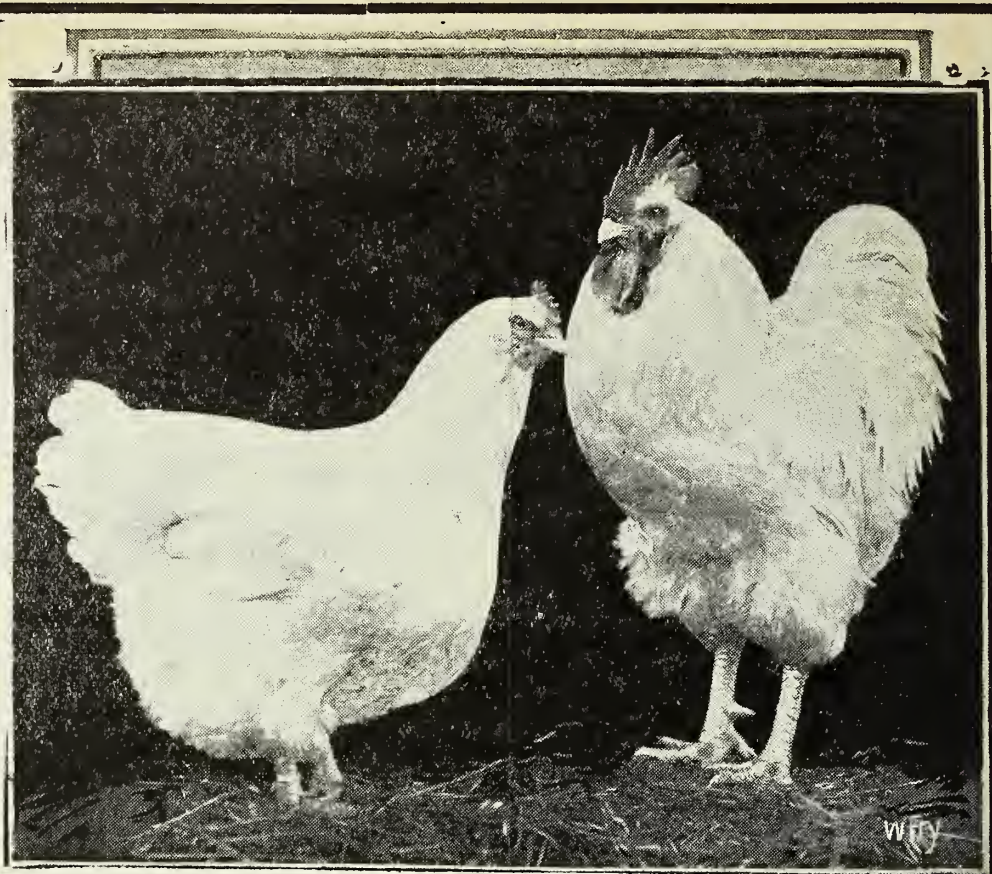
**PARTRIDGE WYANDOTTES**—The beautiful utility bird, winners of the blue at Nashville and Hartsville. White Indian Runners—prize winners from an unbeaten flock. S. C. Black Minorcas—big, black beauties that lay large white eggs and lots of them. Prize winning Columbian Wyandottes and Penciled Indian Runners. Gwin Bros., Hartsville, Tenn. 105

**BOOK ON WHITE RUNNERS**, issued by National White Runner Duck Club. Articles by foremost breeders; profusely illustrated. Price fifty cents. Free to members. Membership fee \$1.00. Address O. O. Ray, Secretary-Treasurer, Kirkwood, Atlanta, Ga. tf

**PRINTING FOR POULTRYMEN**—Best cuts used, any breed. Quality highest, prices low. Member A. P. A. By parcels post after Jan. 1. Write E. H. DePoy, VanBuren, Ind.

**PRINTING for Poultrymen**—Fine cuts used. Samples free; mention your breed. W. A. Bode, Fairhaven, Pa. 104yr

**SCOTCH COLLIES, NARRAGANSETT TURKEYS**—Collies finely bred, of smart family. Males, \$7.50; females, \$5. Toms, \$4 each. Jno. M. Wheeler, Winchester, Ky. 106



This cut shows the picture of the best **WHITE ORPINGTON** cockerel and pullet shown at Birmingham show, Dec., 1912. Cockerel weighs 11½ pounds; pullet weighs 9 pounds. Cockerel won 1st prize, A. P. A. silver medal and White Orpington club ribbon for best **WHITE ORPINGTON** cockerel in show. The pullet did not compete for prizes. P. A. Cook, of Wm. Cook & Sons, says she is the best **WHITE ORPINGTON** pullet in the show, and one among the best in America. My winnings at the Alabama State Fair: White Orpingtons—2d cockerel, 2d pullet; R. C. Reds—1st, 2d, 3d male; 1st, 2d, 3d, 4th female. Birmingham, Ala. show last December: White Orpingtons—1st cockerel; R. C. Reds—1st cock; 1st and 2d cockerel; 1st hen; 1st, 2d, 3d pullet; 1st pen.

**EGGS**—White Orpingtons, \$3, \$5, \$7.50, \$10 and \$15. R. C. Reds, \$2, \$3, \$5 and \$7.50. Fertility guaranteed. I have a few cockerels and pullets, both Reds and Whites, for sale at bargain prices. My foundation stock is from the best in America. Write me your wants.

## J. L. THORNTON

109 South 55th Street, BIRMINGHAM, ALABAMA

## TURPIN'S White ORPINGTONS

FIFTY PRIZES :- 1911 AND 1912

The fact that these winnings were under different judges and competing with the largest breeders in the North and South, is conclusive evidence that they are of very **SUPERIOR QUALITY**. Unless you have the best, you cannot win as the **WHITE ORPINGTONS** are being bred nearer to perfection and competition is keener than ever. My record in the show rooms should convince even the most skeptical that I have **BIRDS** of exceptionally good **TYPE**. I have mated all my pens and a choicer, classier lot would be hard to find. I am offering this season eggs at \$3.00 to \$5.00 per 15. Write for my mating list.

**W. G. TURPIN** :- **Box 11** :- **AMERICUS, GEORGIA**

Member American White Orpington Club.

**BOYS**—Make big money selling Rubber Stamps. No Capital required. You make one-third. Write for particulars. S. B. Newman & Co., Knoxville, Tenn. tf

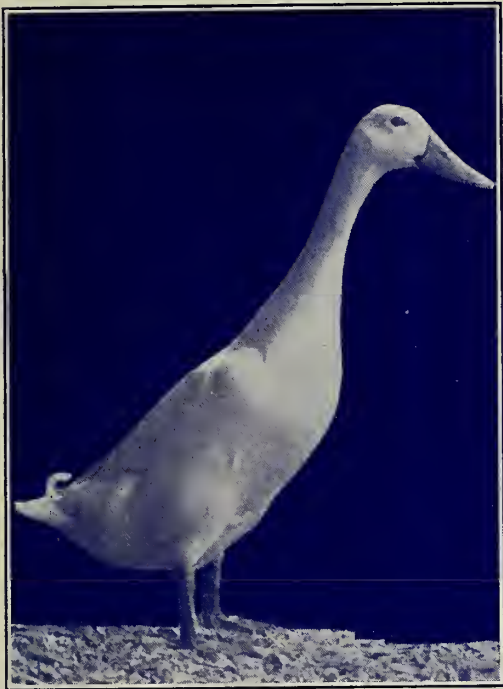
**PRINTING FOR POULTRYMEN**, Stockmen. Everybody. Noteheads, envelopes, cards, tags, labels, 500 either, \$1.25; 1000, \$2.00 postpaid. 150 noteheads and 150 envelopes \$1.00 postpaid. Post cards, Linen-finish letterheads, elegant catalogues, also circulars. Stamp brings samples. Model Printing Company, Manchester, Iowa, Eleventh Ave.

**WANTED**—Experienced Up-to-Date Market Poultryman who can get results, desires position on plant or to establish one. No investment pays better. Understands feeding for heavy egg production. Excellent references. Box 375, Lexington, Va. 105

**BULLETIN ON "BALANCED RATION"** absolutely free; tells how to compound at home most economical and healthful mash, chick foods, scratch foods. Drop postal giving your dealers' name and address to Henola Food Co., Box A-8 Newark, N. J. 106



# PATTON'S WHITE RUNNERS ARE THE BEST IN AMERICA



And have thoroughly established that claim during past two seasons at greatest shows of the Nation, making a record never before equaled by any White Runner Breeder in the world.

At recent Madison Square Garden Show, in stiff competition, our birds won on every entry, taking more prizes than any other exhibitor, including first young male and first young female.

At Southern International Show, Atlanta, Dec. 16-21, 1912, we won more firsts than any other exhibitor. This was the largest duck show ever held in the world. There were 67 birds in the young female class and we took first, second and fifth, while a customer took third.

There were 58 young males in the class, and we took first, while a customer took third; also second pen in a class of 42 pens.

Our winners at Atlanta were adopted by the National Club as models to go by.

Our birds have won for us and our customers, leading firsts and specials at Hagerstown, Augusta, Richmond, Raleigh, Charlotte, Asheville, Columbus, Thomasville, Ga. New Orleans. Challenge Cup at Birmingham, etc.

Eggs \$8.00 per 12; \$15.00 per 24; \$28.00 per 50, and \$50.00 per 100. Order early Demand heavy. If you want the best write,

**J.C. PATTON**, Editor of the **CHARLOTTE, N.C.**  
Evening News

Vice President National White Runner Club.

## The LEON BLACK ORPINGTONS and PARTRIDGE PLYMOUTH ROCKS

My winnings at many of the big shows, such as St. Louis, Chicago, Topeka, Des Moines, and Lincoln, establishes the fact that I have as good as the best winners for any show. Good breeders for sale at the right prices. Eggs for hatching after Jan. 1st; baby chicks after Feb. 1st. Send for prices and mating list. Always fair treatment.

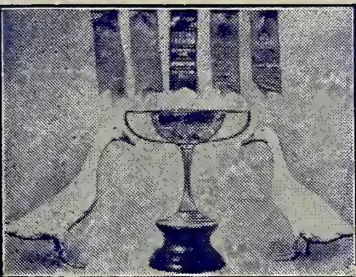
**C. W. REEDER, Manager**    ::    **Box S**    ::    **LEON, IOWA**

## HYDRANGEA POULTRY FARM

### BABY CHICKS — EGGS — STOCK

WHITE PLYMOUTH ROCKS, BUFF PLYMOUTH ROCKS and SINGLE COMB WHITE LEGHORNS. Book your orders for chicks to get them when wanted. Send for chick circular.

**KING & HYDE**    :-    **Box 123-R**    :-    **SUMMERVILLE, S. C.**



**NEVER DEFEATED.**  
Winners of seven firsts, silver cups, and many specials.

## HERMITAGE WHITE RUNNERS WIN

After winning 35 firsts, 23 seconds, 16 thirds, 17 fourths, 12 fifths at the largest shows North and South, Chicago, Ill.; Louisville, Ky.; Nashville, Tenn.; Gallatin, Tenn.; Atlanta, Ga.; Birmingham, Ala.; Memphis, Tenn.; Jackson, Miss.; Shreveport, La., we entered 8 birds at the National Fanciers' Show, Indianapolis, Ind., Jan. 11 to 17, winning 1st and 2nd old drake; 1st and 2nd old duck; 1st and 3rd young drake; 1st and 5th young duck, and four specials.

These winnings are the largest ever made by any WHITE RUNNER breeder in U. S. It takes quality and proper blood lines to do it. Some choice breeders and show birds to sell, also day and month old ducklings. Eggs from our best pens, \$5.00 per 12.

**HERMITAGE FARM**    ::    **Box 62**    ::    **HENDERSONVILLE, TENN.**



# GRAND SWEEPSTAKES!

AT JACKSONVILLE, FLORIDA, JANUARY, 1913

"FLORA," Our sensational White Leghorn Pullet, wins out as BEST BIRD in Show.

Our Regular Winnings are:

WHITE LEGHORNS--1st and 2nd Hens, 1st and 2nd Pullets, 2nd and 3rd Cocks, 4th and 5th Cockerels.

BUFF ORPINGTONS--1st Cock, 1st Pullet, 2nd Pen and 5th Cockerel.

WHITE PLYMOUTH ROCKS--1st Pen, 1st and 2nd Pullets, 3rd Cockerel and 3rd and 4th Cocks.

Twenty-six Birds, every one placed, besides nine specials, including Grand Sweepstakes. Our Savannah Record Broken. 1913 Mating List Now Ready.

FREE! Send for it.

**BACON & HAYWOOD** 88 SPRINGFIELD AVENUE  
GUYTON, GEORGIA



## WHITE ORPINGTONS BLACK

My winnings at the Southern International Show, held in Atlanta, Georgia, December 16 to 21, 1912, as follows: Black Orpingtons, 1st pen, 5th pen, 1st cock, 1st pullet, 4th cockerel. White Orpingtons, 3rd and 4th pen, 1st cock, 3rd and 4th pullet, 4th and 5th cockerel, besides specials. More than six hundred young birds for sale. Eggs for hatching—satisfaction guaranteed.

**Mrs. L. P. EBERHARDT** - 27 West Church St. - Elberton, Georgia

## WHITE WYANDOTTES

**Philadelphia, Baltimore and New Jersey State Fair Winners**

AT PHILADELPHIA, PENNSYLVANIA, DECEMBER, 1912, we won 1st prize cockerel and 3rd prize pen in one of the strongest classes of WHITE WYANDOTTES ever seen at this show.

AT BRIDGETON, NEW JERSEY, NOVEMBER, 1912, we won 3, 4 cock; 1, 2 hen; 1, 5 cockerel; 3, 4 pullet and 2 pen. Our 2d prize pen beat a \$165.00 pen at this show. 2 medals from White Wyandotte Club for best hen and cockerel. Every pen will be headed by prize winning males, including half brother to the 1st prize cock bird at Madison Square Garden, December, 1910-11.

### ARE YOU LOOKING FOR BIG WINTER LAYERS?

If so we have hens with records of 160 and up to 200 eggs per year. Pullets this year that were hatched in March began laying in August and are still busy.

#### PRICES OF EGGS AND BABY CHICKS

Eggs from prize pens, \$3.00 per 15; \$5.00 per 30; \$15.00 per 100; one pen special mating, \$5.00 per 15 straight; utility pens, \$2.00 per 15; \$5.00 per 50; \$8.00 per 100. Baby chicks, \$8.00 per 50; \$15.00 per 100. We guarantee safe arrival of eggs and baby chicks. Send for free catalogue.

**CARR BROS., CELTIC POULTRY FARM** Box M VINELAND, NEW JERSEY